User Guide

INSIGNIA™

55" LED-LCD, 1080p

NS-55E560A11

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CHILD SAFETY

It makes a difference how and where you use your flat panel display

As you enjoy your new product, keep these safety tips in mind

The issue

The home theater entertainment experience is a growing trend, and larger TVs are popular purchases. However, TVs are not always supported on the proper stands or installed according to the manufacturer's recommendations. We and the consumer electronics industry are committed to making home entertainment enjoyable and safe.

TVs that are inappropriately placed on dressers, bookcases, shelves, desks, speakers, chests, or carts may fall over and cause injury.

Tune into safety

- One size of TV stand does **not** fit all. Use only a TV stand rated for the weight of your TV.
- Carefully read and understand all enclosed instructions for proper use of this product.
- Don't let children climb on or play with entertainment system furniture and TVs.
- Don't place TVs on furniture that can easily be used as steps, such as a crate or chest of drawers.
- Remember that children can become excited while watching a program, especially on a "larger-than-life" TV. Make sure that you place or install the TV where it cannot be pushed, pulled over, or knocked down.
- Make sure that you route all cords and cables so that they cannot be pulled or grabbed by curious children.

Wall mounting

If you decide to wall mount your TV, always remember:

- One size of wall mount does **not** fit all. Use only a wall mount rated for the weight of your TV and that has been recommended by this TV manufacturer, listed in this manual, or otherwise listed by an independent laboratory as suitable for your TV.
- Follow all instructions supplied by the TV and wall mount manufacturers.
- If you have any doubts about your ability to safely wall mount your TV, get help from a professional installer.
- Make sure that the wall where you are mounting the TV is appropriate. Some wall mounts are not designed to be mounted to walls backed with steel studs or cinder blocks. If you are unsure, ask a professional installer.

CEA® Consumer Electronics Association

- TVs can be heavy. At least two people are required for safe wall mount installation.

Important safety instructions

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

This symbol indicates that dangerous voltage constituting a risk of electric shock is present within your TV. This label is located on the back of your TV.

This symbol indicates that there are important operating and maintenance instructions in the literature accompanying your TV.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

S3125A

13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. The *wall plug* is the disconnecting device. The plug must remain readily operable.
16. An apparatus with three-prong, grounding-type plug is a Class I apparatus which needs to be grounded to prevent possible electric shock. Make sure that you connect the Class I apparatus to a grounding-type, three-prong outlet.
17. Remote control batteries should not be exposed to excessive heat such as sunshine, fire, or the like.
18. The apparatus should not be exposed to dripping or splashing, and no objects filled with liquids, such as vases, should be placed on the apparatus.

Warnings

Electric shock hazard

To reduce the risk of fire or electric shock, do not remove any cover or expose the device to rain or moisture. No user-serviceable parts are inside. Refer servicing to qualified service technicians.

Lightning

For added protection for your device receiver during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the power outlet and disconnect any antenna or cable system. This helps prevent property damage and personal injury from lightning and power line surges.

Power lines

An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

Handling the LCD panel

- Your TV's screen is made of glass. Do not drop your TV or hit, jolt, or press hard against the LCD panel. If the screen breaks, be careful of broken glass.
- If the LCD panel is broken, make absolutely sure that you do not touch the liquid in the panel. This may cause skin inflammation.
- If the liquid gets in your mouth, immediately gargle, rinse, and consult with your doctor. Also, if the liquid gets in your eyes or touches your skin, consult with your doctor after rinsing for at least 15 minutes or longer in clean water.

Replacement parts

When replacement parts are required, make sure that the service technician uses replacement parts specified by the manufacturer that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, personal injury, or other hazards.

Safety check

After completing any service or repair to this device, ask the service technician to perform routine safety checks to determine that your TV is in correct operating condition.

Power source

Operate your TV only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied to your home, consult an electrician or your local power company.

Cautions

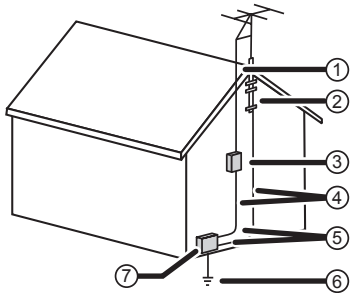
Damage requiring service

Unplug this TV from the power outlet and refer servicing to qualified service personnel under the following conditions:

- When the power supply cord or plug is damaged or frayed.
- If liquid has been spilled or objects have fallen into your TV.
- If your TV has been exposed to rain or water.
- If your TV does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions because incorrect adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore your TV to its normal operation.
- If your TV has been dropped or damaged in any way.
- When your TV exhibits a distinct change in performance.

Outdoor antenna grounding

If an outside antenna or cable system is connected to your TV, make sure that the antenna or cable system is grounded to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA No. 70, provides information with respect to correct grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of the antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.



1	Antenna lead-in wire
2	Grounding clamp
3	Antenna discharge unit
4	Grounding conductors
5	Ground clamps
6	Power service grounding electrode system
7	Electric service equipment

Note to CATV system installer

Article 820 of the National Electrical Code, ANSI/NFPA No. 40 provides guidance for correct grounding. Specifically, it states that the cable ground must be connected to the grounding system of the building as close to the point of cable entry as practical.

Condensation

Moisture will form on the TV if the TV is brought from cool surroundings into a warm room or if the temperature of the room rises suddenly. When this happens, the TV's performance may be impaired. To prevent this, let the TV stand in its new surroundings for about an hour before switching it on, or make sure that the room temperature rises gradually.

Condensation may also form during the summer if the TV is exposed to the breeze from an air conditioner. In such cases, change the location of the TV.

Mobile telephone warning

To avoid interference with your TV picture and sound, operating problems, or even damage, keep your cordless and cellular telephones away from the TV.

End of life directives

Your TV contains tin-lead solder and a fluorescent lamp containing a small amount of mercury. Disposal of these materials may be regulated for environmental reasons. Your TV also contains material that can be recycled and reused. For disposal or recycling information, contact your local authorities or the Electronic Industries Alliance at www.eia.org to find a recycler in your area.

Non-active pixels

The LCD panel contains almost 3 million thin film transistors, which provide exceptionally sharp video quality. Occasionally, a few non-active pixels may appear on the screen as a fixed blue, green, or red point. These non-active pixels do not adversely affect the performance of your TV, and are not considered defects.

Insignia 55" LED-LCD TV, 1080p

Introduction

Congratulations on your purchase of a high-quality Insignia product. Your NS-55E560A11 represents the state of the art in LED-LCD TV design and is designed for reliable and trouble-free performance.

Features

SR S TruSurround HD:

At Insignia, providing you with superior audio quality is just as important as exceptional picture quality. That's why we added SRS TruSurround HD, which provides you with a theater-like surround-sound experience, with the clearer dialog and the enhanced bass sounds that movie viewers and gamers crave.

Insignia Motion 120Hz:

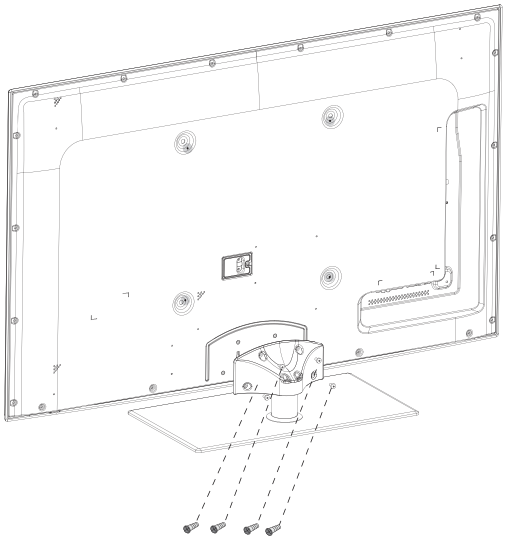
With a 120 Hz screen refresh rate twice the rate of a 60 Hz screen, a screen with 1,080 lines of resolution (up from 720 lines in the last generation of HDTVs), and special motion-detection technology, you will be experiencing a picture with clearer detail and brightness, smoother transitions, and reduced motion blurring, particularly when watching fast-motion sports and action scenes.

Installing the stand or wall-mount bracket

Installing the stand

To install the stand:

1. Carefully place your TV screen face-down on a cushioned, clean surface to protect the screen from damages and scratches.
2. Attach the stand to your TV.

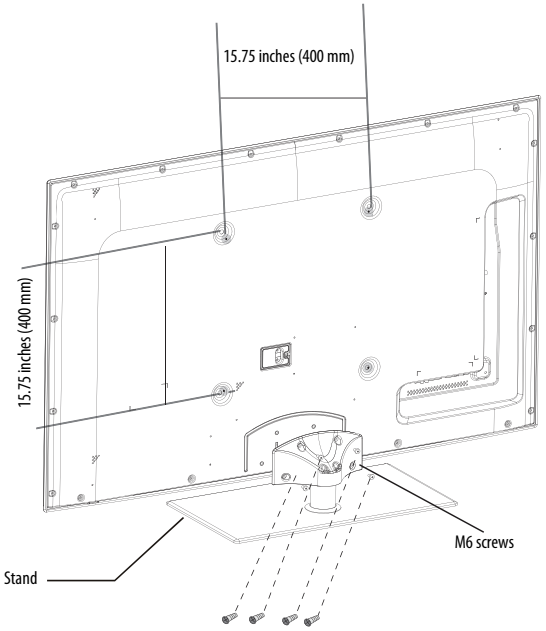


3. Secure the stand to your TV using the provided four screws.

Installing a wall-mount bracket

To attach your TV to a wall-mount bracket:

1. Carefully place your TV screen face-down on a cushioned, clean surface to protect the screen from damages and scratches.
2. If the stand is attached, remove the four screws that secure the stand to your TV, then remove the stand.



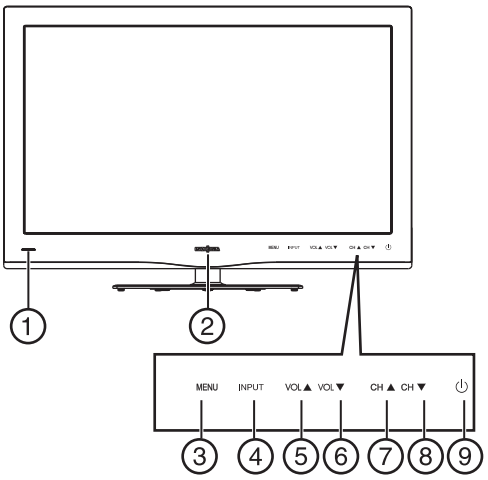
3. Attach the wall-mount bracket to the back of your TV using four M8 × 25 screws and four spacers (provided).

TV components

Accessories

- Remote control
- Batteries (2 AAA)
- Power cord
- Component video cable
- Audio cable
- TV stand and screws
- *Quick Setup Guide*

Front

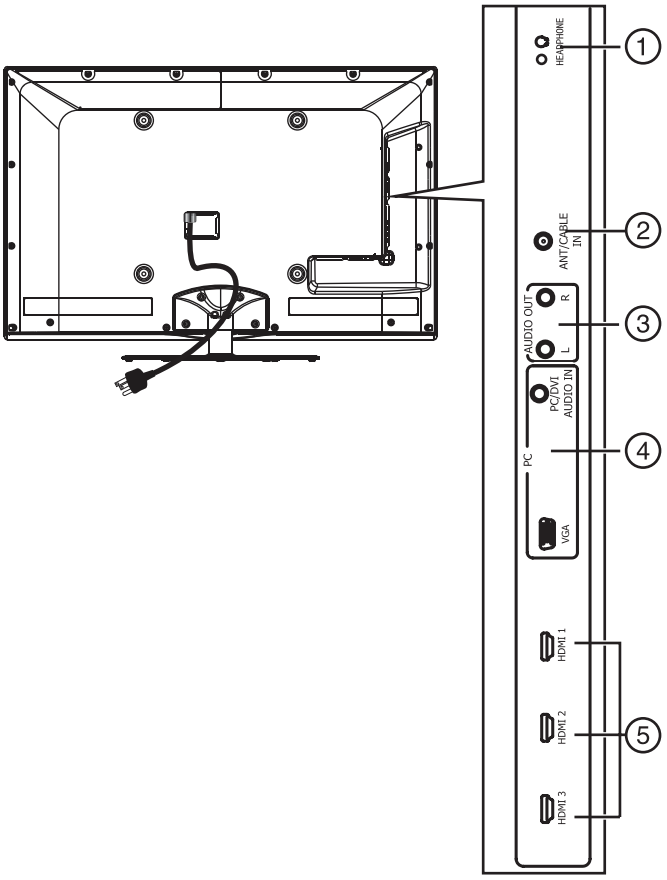


Note

To turn on your TV using the ⏻ (power) button on your TV, press ⏻ twice. The presses must be within five to seven seconds of each other. The first time you press ⏻, the button labels appear on the screen. The second time you press ⏻ , your TV turns on.

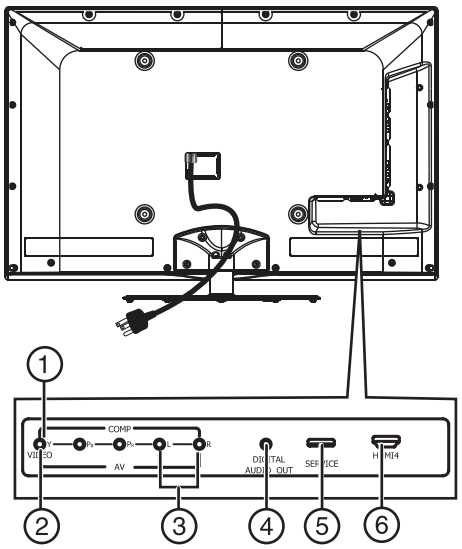
#	Item	Description
1	Remote control sensor	Receives signals from the remote control. Do not block.
2	Power indicator	Turns off when your TV is turned on. Lights red when your TV is in standby mode. Turns off when the power cord is unplugged.
3	MENU	Press to open the on-screen menu.
4	INPUT	Press to select the video input source.
5	VOL ▲	Press to increase the volume.
6	VOL ▼	Press to decrease the volume.
7	CH ▲	Press to go to the next channel in the channel list.
8	CH ▼	Press to go to the previous channel in the channel list.
9	⏻ (power)	Press to turn on your TV. Press again to put your TV in standby mode. When your TV is in standby mode, power still flows through it. To completely disconnect power, unplug the power cord.

Side



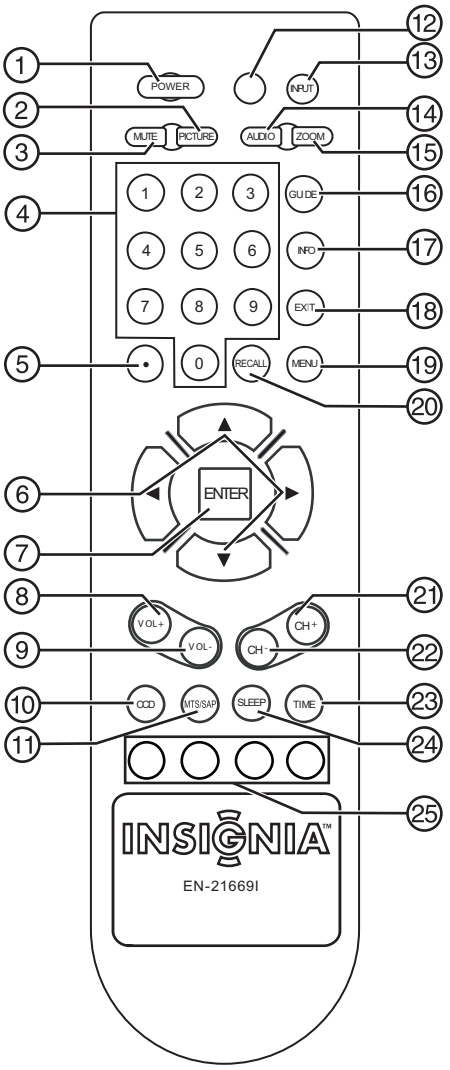
#	Item	Description
1	HEADPHONE	Connect headphones to this jack. For more information, see “Connecting headphones” on page 12.
2	ANT/CABLE IN	Connect an antenna, cable TV, or satellite TV box to this jack. For more information, see “Connecting an antenna or cable TV without a cable box” on page 9.
3	AUDIO OUT L/R OUT	Connect an analog sound system to these jacks to send the TV audio through the sound system. For more information, see “Connecting an analog (stereo) sound system” on page 13.
4	PC VGA and PC/DVI AUDIO IN	Connect the video for a computer to the PC VGA jack. Connect the audio for a computer or DVI device to the PC/DVI AUDIO IN jack. For more information, see “Connecting a computer” on page 12.
5	HDMI1/HDMI2/HDMI3	Connect HDMI devices to these jacks. An HDMI cable carries both video and sound. You do not need to make an audio connection for an HDMI device. For more information, see “Connecting an HDMI device” on page 10.

Back



#	Item	Description
1	COMP Y/Pb/Pr	Connect the video for a component video device to these jacks. For more information, see "Connecting a component video device" on page 11.
2	AV VIDEO	Connect the video for a composite video device to this jack. For more information, see "Connecting a camcorder or game console" on page 11.
3	AV/COMP L/R audio	Connect the audio for a composite video device connected to the AV VIDEO jack or for a component video device connected to the COMP Y/Pb/Pr jacks. For more information, see "Connecting a camcorder or game console" on page 11 or "Connecting a component video device" on page 11.
4	DIGITAL AUDIO OUT	Connect a digital sound system to this jack to send the TV audio through the sound system. For more information, see "Connecting a digital sound system" on page 13.
5	SERVICE	For service only.
6	HDMI4	Connect an HDMI device to this jack.

Remote control



#	Button	Description
1	POWER	Press to turn on your TV. Press again to put your TV in standby mode. When your TV is in standby mode, power still flows through it. To completely disconnect power, unplug the power cord.
2	PICTURE	Press to select the picture mode. For more information, see "Adjusting the TV picture" on page 16.
3	MUTE	Press to turn off the sound. Press again to turn the sound back on.
4	Numbers	Press to enter channel numbers or the parental control password.
5	●	Press to select a digital sub-channel. For more information, see "Selecting a channel" on page 14.
6	▲▼◀▶	Press to navigate in on-screen menus. For more information, see "Navigating the menus" on page 15.
7	ENTER	Press to open a sub-menu or to confirm selections in the on-screen menus. For more information, see "Navigating the menus" on page 15.
8	VOL+	Press to increase the volume.
9	VOL–	Press to decrease the volume.
10	CCD	Press to turn closed captioning on or off. For more information, see "Using closed captioning" on page 25.

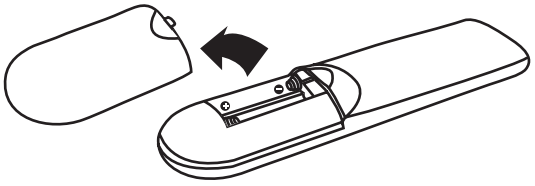
#	Button	Description
⑪	MTS/SAP	Press to select the audio mode for an analog channel. Press to select the audio track for a digital channel if more than one audio track is available. For more information, see "Selecting the audio mode" on page 17.
⑫	Remote indicator	Lights when you press a button on the remote control.
⑬	INPUT	Press to open the *Input Source* list. For more information, see "Selecting the video input source" on page 14.
⑭	AUDIO	Press to select the sound mode. For more information, see "Adjusting sound settings" on page 16.
⑮	ZOOM	Press to select the aspect ratio. For more information, see "Adjusting the TV picture" on page 16.
⑯	GUIDE	Press to open the program guide for digital channels (if available). For more information, see "Viewing channel information" on page 14.
⑰	INFO	Press to display the channel banner. For more information, see "Viewing channel information" on page 14.
⑱	EXIT	Press to close the on-screen menu.
⑲	MENU	Press to open the on-screen menu.
⑳	RECALL	Press to go to the previous channel.
㉑	CH +	Press to go to the next channel in the channel list. For more information, see "Selecting a channel" on page 14.
㉒	CH –	Press to go to the previous channel in the channel list. For more information, see "Selecting a channel" on page 14.
㉓	TIME	Press to display the current time.
㉔	SLEEP	Press to set the sleep timer. For more information, see "Setting the sleep timer" on page 27.
㉕	(red) (green) (yellow) (blue)	These buttons work with the electronic program guide (EPG). After you press GUIDE, follow the on-screen instructions for using these buttons.

Using the remote control

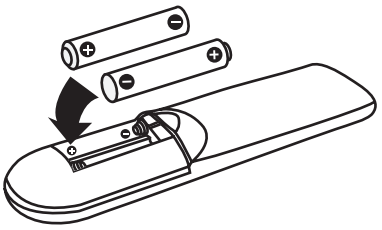
Installing remote control batteries

To install the remote control batteries:

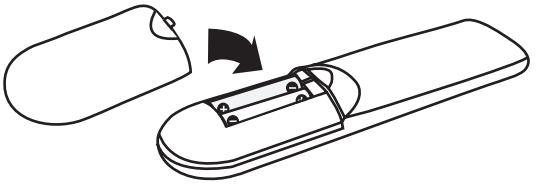
1. While pressing the release tab on the battery compartment cover on the back of the remote, lift the cover off the remote.



2. Insert two AAA batteries into the battery compartment. Make sure that the + and – symbols on the batteries align with the + and – symbols in the battery compartment.



3. Replace the cover.



Warnings

- Batteries should not be exposed to excessive heat, such as sunshine, heat registers, or fire.
- Battery chemicals can cause a rash. If the batteries leak, clean the battery compartment with a cloth. If chemicals touch your skin, wash immediately.
- Make sure that batteries are disposed of correctly. Do not burn or incinerate.

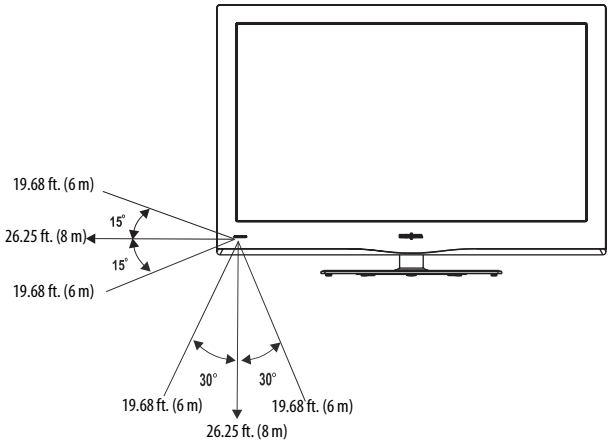
Notes

- Do not mix batteries of different types.
- Do not mix old and new batteries.
- Remove batteries when the charge is depleted.
- If the remote control is not going to be used for an extended period of time, remove the batteries.

Aiming the remote control

To aim the remote control:

- Point the remote control toward the remote control sensor on the front of your TV.



Notes

- Do not expose the remote control to shock.
- Do not expose the remote control to liquids and do not use the remote control in an area with high humidity.
- Do not place the remote control in areas of high heat or direct sunlight. The heat may warp the battery case.
- The remote control may not work correctly if sunlight or bright light is shining on the remote control sensor. To correct this problem, move your TV or use the remote control closer to the remote control sensor.

Programming your existing universal remote control

You can operate your Insignia TV with a new or existing universal remote control.

To program a universal remote control:

1. See the table below for common codes. If you have problems programming your remote or need a different remote control code, visit www.insigniaproducts.com for the latest remote control code information.

Insignia TV codes for universal remote controls (for all Insignia TVs manufactured after Jan. 1, 2007)

Universal remote control makes and models				
Philips PHDVD5, PH5DSS, PMDVR8, PDVR8	RCA RCU807	One for All URC-6690	Sony RM-VL600	
115	**135**	**0464**	**8043**	

Set-top box makes and models				
Comcast M1057	Dish Network VIP508, VIP622	Motorola DRC800	TIVO Series 3, HD	DirectTV RC23
0463	**720**	**0463**	**0091**	**10463**

Codes for other remote controls are available online at: www.insigniaproducts.com

Tips

- The brand name is often visible on the front of the universal remote control, and the model number is often visible on the back.
- If your universal remote control isn't listed on the chart, refer to your universal remote control's instructions and try codes for the brands Orion, Emerson, Memorex, Sansui, Sylvania, or Zenith. You may need to try several codes before finding a match.

2. Follow your universal remote control's instructions to enter the TV code you found in Step 1.

Tips

- If your universal remote control has a code search feature, run a code search to identify a code that matches your TV. See your universal remote control's instructions for details.
- If your universal remote control has a "Learn" feature, you can manually program it using the Insignia TV remote to "teach" the commands one at a time. See your universal remote control's instructions for details.

3. If all else fails, you must use a different universal remote control that can operate both your set-top box and your TV. Four such remotes are listed on the chart, but many other compatible models are available in the market.

   For more help, go to insigniaproducts.com or call technical support for your universal remote control or set-top box manufacturer, or call the Insignia Customer Care Center. For US and Canada markets, call 1-877-467-4289. For Mexico markets, call 01 800-926-3000.

Making connections

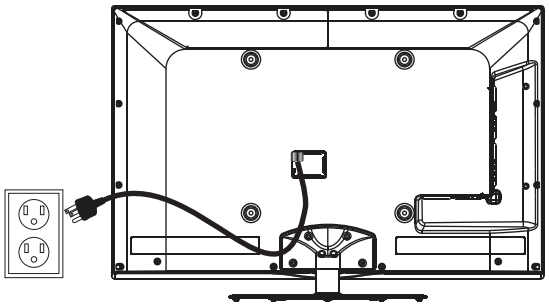
Cautions

- Check the jacks for position and type before making any connections.
- Loose connections can result in image or color problems. Make sure that all connections are tight and secure.
- The external audio/video equipment shown may be different from your equipment. If you have questions, refer to the documentation that came with your equipment.
- Always unplug the power cord when connecting external equipment.

Connecting power

To connect the power:

- Plug the AC power cord into a power outlet.



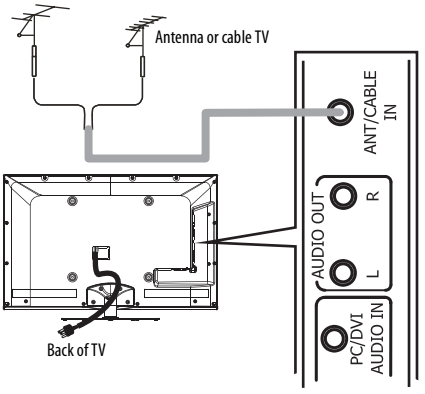
Notes

- Your TV should only be operated from the power source indicated on the label.
- Always unplug the AC power cord from the power outlet when you will not be using your TV for an extended period of time.

Connecting an antenna or cable TV without a cable box

To connect an antenna or cable TV without a cable box:

- Connect a coaxial cable (not provided) to the **ANT/CABLE IN** jack on the back of your TV and to the antenna or cable TV wall jack.



Notes

- Use a coaxial cable to eliminate interference and noise from radio waves.
- Do not bundle the coaxial cable with the power cord or other cables.
- If the antenna is not installed correctly, contact qualified service personnel to correct the problem.

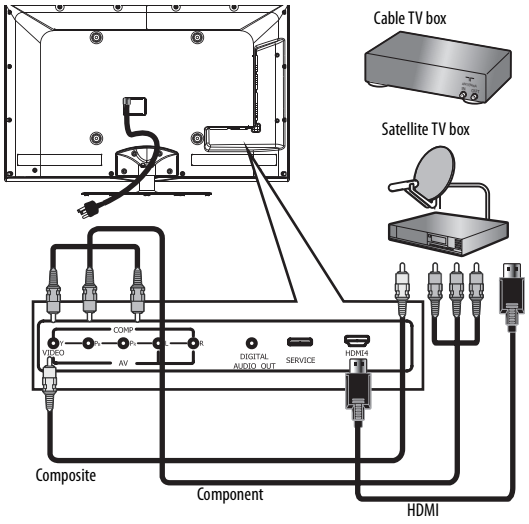
Connecting a cable or satellite box

Many cable or satellite TV boxes have more than one connection type. To get the best video, you should use the best connection type available.

Connection type	Video quality
HDMI	Best
Component	Better than composite or coaxial
Composite	Better than coaxial
Coaxial	Good

To connect a cable or satellite box:

1. Connect the incoming cable from the cable TV or satellite TV wall jack to the cable-in jack on the cable box.



2. Depending on the jacks available on the cable or satellite TV box, connect a cable (not provided) from the outgoing jacks on the cable or satellite TV box to the corresponding jacks on the back of your TV. The connection can be to an **HDMI** jack, the **COMP Y/Pb/Pr** jacks, or the **AV VIDEO** jack.
3. If you use the **COMP Y/Pb/Pr** jacks or the **AV VIDEO** jack, connect an audio cable to the **AV/COMP L/R** audio jacks.

Note

If the cable or satellite TV box does not have an HDMI, component, or composite jack, connect the cable or satellite TV box to the **ANT/CABLE IN** jack on the back of your TV. For more information, see "Connecting an antenna or cable TV without a cable box" on page 9.

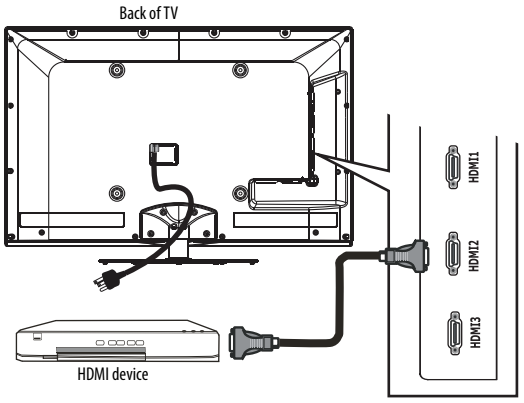
Connecting an HDMI device

Note

If your device has an HDMI connection, we recommend that you use the HDMI connection to get the best quality possible.

To connect an HDMI device:

1. Make sure that your TV's power cord is unplugged and the HDMI device is turned off.
2. Connect an HDMI cable (not provided) to the **HDMI1**, **HDMI2**, or **HDMI3** jack on the side of your TV or the **HDMI4** jack on the back of your TV and to the **HDMI OUT** jack on the HDMI device.



To play from an HDMI device:

1. Turn on your TV, then press **INPUT** to open the *Source List*.
2. Press ▲ or ▼ to select **HDMI 1**, **HDMI 2**, **HDMI3**, or **HDMI 4**, then press **ENTER**.
3. Turn on the HDMI device, then set it to the correct output mode. See the documentation that came with the device for more information.

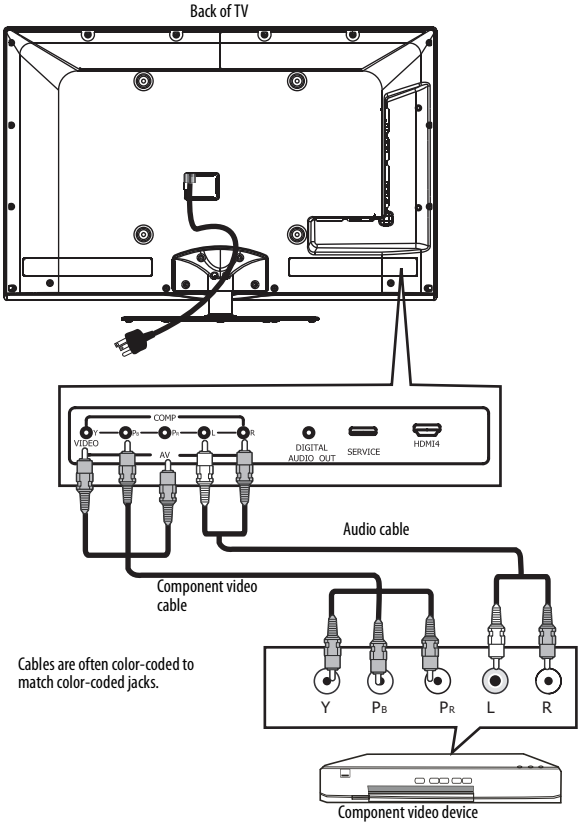
Note

If the device only has a DVI jack, use a DVI-to-HDMI adapter to connect the DVI jack to any **HDMI** jack on your TV, then connect the audio to the **PC/DVI AUDIO IN** jack.

Connecting a component video device

To connect a component video device:

1. Make sure that your TV's power cord is unplugged and the component video device is turned off.
2. Connect a component video cable to the **COMP Y**, **Pb**, and **Pr** jacks on the back of your TV and to the **COMPONENT OUT** jacks on the component video device.



3. Connect an audio cable to the **AV/COMP L/R** audio jacks on the back of your TV and to the **L/R AUDIO OUT** jacks on the component video device.

To play from the component video device:

1. Turn on your TV, then press **INPUT** to open the *Source List*.
2. Press ▲ or ▼ to select **Component**, then press **ENTER**.
3. Turn on the component video device, then set it to the correct output mode. See the documentation that came with the device for more information.

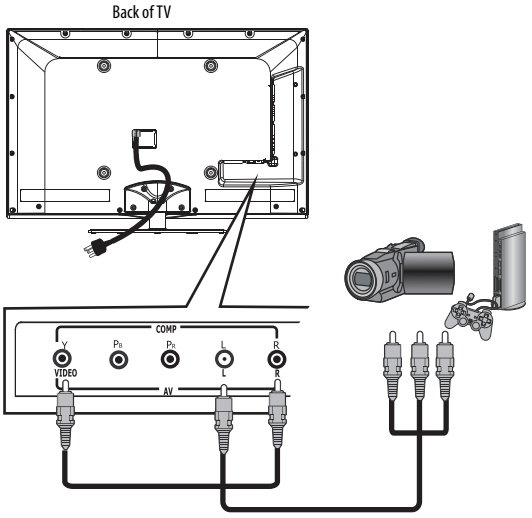
Note

The **COMP Y**, **Pb**, **Pr** jacks share the audio jacks with the **AV VIDEO** jack.

Connecting a camcorder or game console

To connect a camcorder or game console:

1. Make sure that your TV's power cord is unplugged and the camcorder or game console is turned off.
2. Connect an AV cable to the **AV VIDEO** and **AV/COMP L/R** audio jacks on the back of your TV and to the **AV OUT** jacks on the camcorder or game console.



To play from the camcorder or game console:

1. Turn on your TV, then press **INPUT** to open the *Source List*.
2. Press ▲ or ▼ to select **AV**, then press **ENTER**.
3. Turn on the camcorder or game console, then set it to the correct output mode. See the documentation that came with the camcorder or game console for more information.

Note

The **AV VIDEO** jack shares the audio jacks with the **COMP Y**, **Pb**, **Pr** jacks.

Connecting a computer

Tip

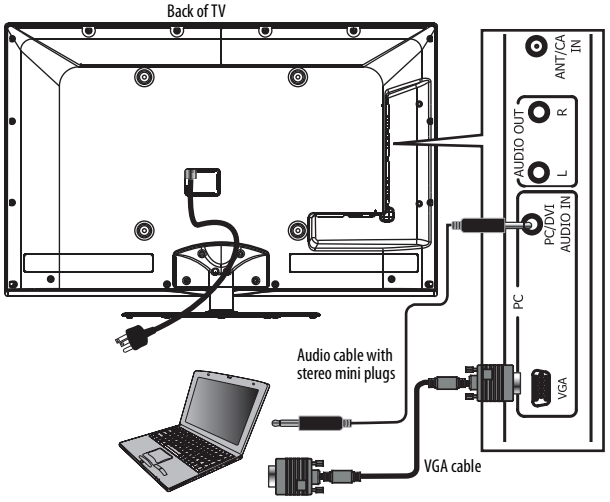
Some computers have an HDMI jack. You can use an HDMI cable to connect the computer for a better picture.

To connect a computer:

1. Make sure that your TV's power cord is unplugged and the computer is turned off.
2. Connect a VGA cable to the **PC VGA** jack on the side of your TV and to the **VGA** jack on the computer.

Note

The VGA cable should be a 15-pin D-Sub (analog RGB) cable.



3. Connect an audio cable with stereo mini plugs to the **PC/DVI AUDIO IN** jack on the side of your TV and to the **LINE OUT** or **AUDIO OUT** jack on the computer.

To play video from the computer:

1. Turn on your TV, then press **INPUT** to open the *Source List*.
2. Press ▲ or ▼ to select **VGA**, then press **ENTER**.
3. Turn on the computer and adjust the display properties if necessary.

Connecting headphones

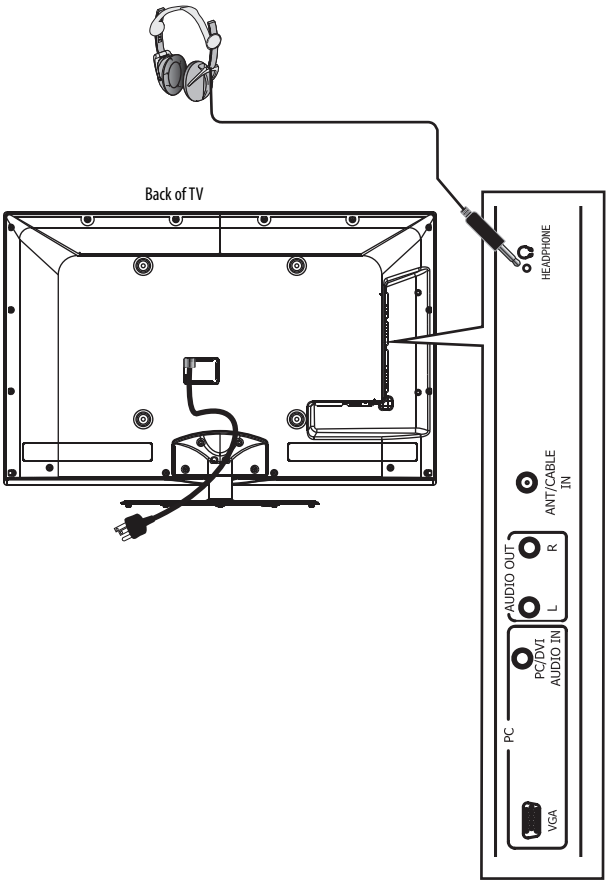
The TV speakers are muted when headphones are attached.

Warning

Loud noise can damage your hearing. When using headphones, use the lowest volume setting on your headphones that still lets you hear the sound.

To connect headphones:

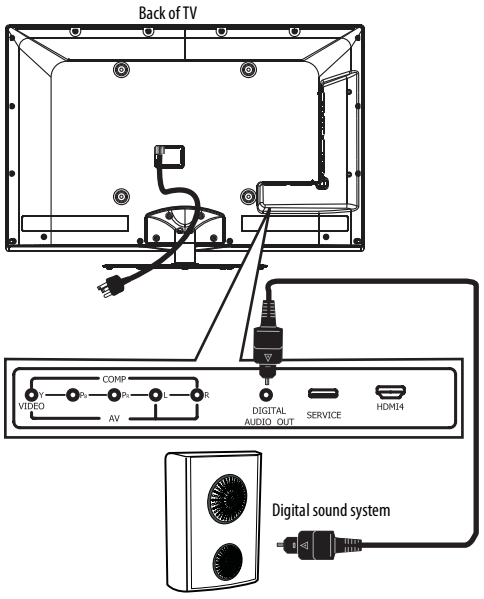
- Connect headphones to the **HEADPHONE** jack on the side of your TV.



Connecting a digital sound system

To connect a digital sound system:

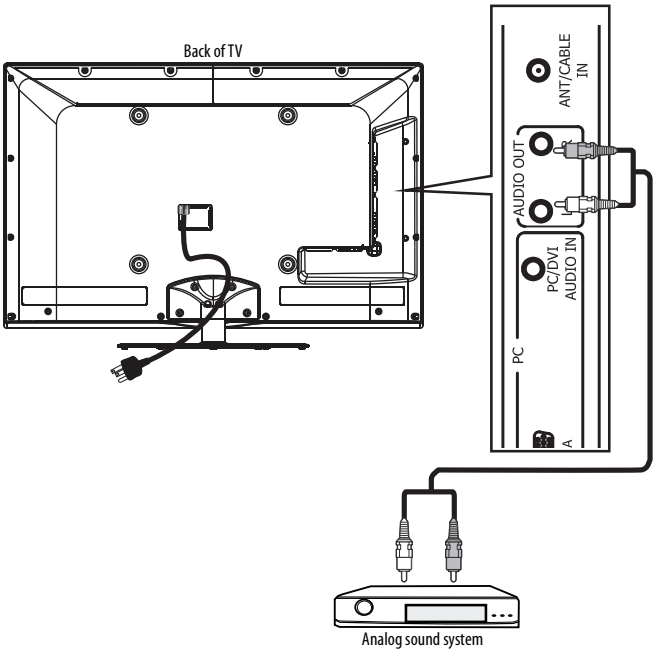
1. Make sure that your TV's power cord is unplugged and the sound system is turned off.
2. Connect a digital audio cable to **DIGITAL AUDIO OUT** jack on the side of your TV and to the digital optical audio jack on the digital sound system.



Connecting an analog (stereo) sound system

To connect an analog (stereo) sound system:

1. Make sure that your TV's power cord is unplugged and the sound system is turned off.
2. Connect an analog audio cable to **L/R OUT** jacks on the side of your TV and to the L/R audio in jack on the analog sound system.

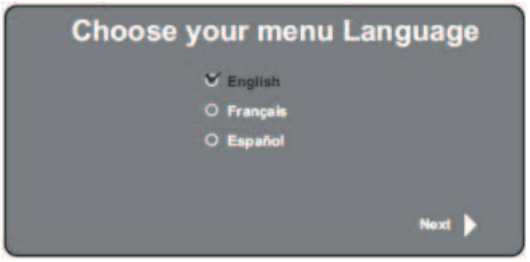


Turning on your TV for the first time

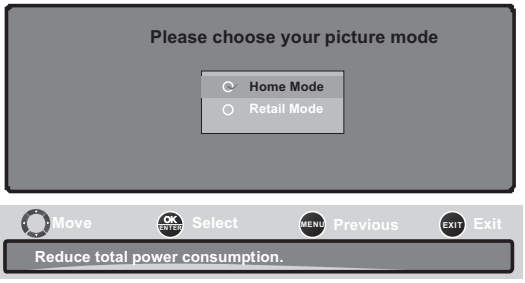
The first time you turn on your TV, the Setup Wizard opens. The Setup Wizard guides you through setting up basic settings including the menu language, TV signal source, and the channel list.

To set up your TV:

1. Make sure that you have:
   - Installed the remote control batteries. (See page 7 for details).
   - Connected an antenna, cable TV, or satellite TV. (See page 9 for details.)
   - Connected the power cord. (See page 9 for details.)
2. Press **POWER** to turn on your TV. The *Choose your menu Language* screen opens.



3. Press ▲ or ▼ to highlight the language you want, then press ►. The *Choose your Picture Mode* screen opens.



4. Press ▲ or ▼ to highlight **Home Mode** or **Retail Mode**, then press **ENTER**.

   Home Mode reduces total power consumption.

   If you selected **Retail Mode**, a message appears "If you select Retail Mode, then Energy saving is not realized." Select **Yes** to continue, or select **No** to change your selection.

   The *Choose your TV source* screen opens.

5 Press ▲ or ▼ to highlight **Antenna** or **Cable**, then press **ENTER**. Your TV automatically starts scanning for channels available in your viewing area.

Note

You can press **EXIT** to stop the auto channel search, but you will need to run the auto channel search again to create a channel list.

Understanding the basics

Note

Unless otherwise noted, all tasks in this section are based on using the remote control.

Turning your TV on or off

To turn your TV on or off:

1 Make sure that the power cord is connected to a power outlet.

2 Press **POWER** to turn on your TV. The power indicator LED blinks red, then turns off.

3 Press **POWER** again to turn off your TV. Your TV enters Standby mode and the power indicator LED turns red.

Warning

When your TV is in standby mode, it is still receiving power. To completely disconnect power, unplug the power cord.

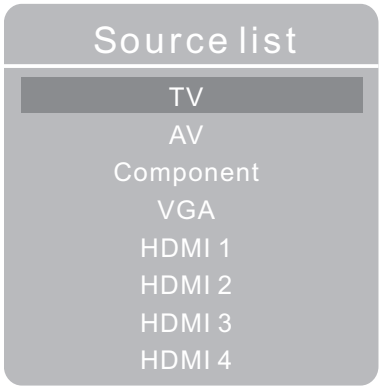
Note

If your TV does not receive an input signal for several minutes, it automatically goes into standby mode.

Selecting the video input source

To select the video input source:

1 Turn on your TV, then press **INPUT**. The *Source List* opens.



2 Press ▲ or ▼ to highlight a video input source, then press **ENTER**.

Selecting a channel

To select a channel:

- Press **CH +** or **CH –** to go to the next or previous channel on the memorized channel list.
- Press the number buttons to enter the channel number you want, then wait for the channel to change or press **ENTER** to immediately change the channel.
- To select a digital sub-channel, press the number buttons to select the main digital channel, press ● (dot), then press the number button for the sub-channel. Wait for the channel to change, or press **ENTER** to immediately change the channel. For example, to tune to channel 5.1, press **5**, ● (dot), then **1**.
- Press **RECALL** to go to the previous channel.

Adjusting the volume

To adjust the volume:

- Press **VOL +** or **VOL –** to increase or decrease the volume.
- Press **MUTE** to turn off the sound. Press **MUTE** again to turn the sound back on.

Viewing channel information

To view channel information:

- Press **INFO** to view an information banner. The information banner shows the current program information such as channel number, video input source, and resolution.
  - Digital channel information—Displays the channel number, station name, channel label, broadcast program name, TV rating, signal type, audio information, resolution, CC mode, current time, and current program start and end times.
  - Analog channel information—Displays channel number, channel label (if preset), signal type, audio information, and resolution.

Using the electronic program guide (EPG)

To use the electronic program guide (EPG):

1 When watching digital programs, select the channel you want to watch.

2 Press **GUIDE**. The EPG opens and shows detailed information about the current program. The amount and type of information depends on the information provided by the broadcaster.

3 Press ◄ or ► to display information about future programs on the selected channel.

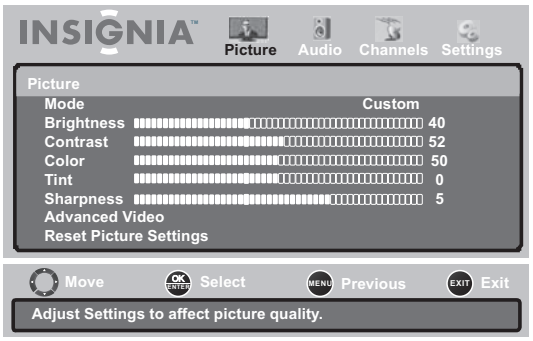
4 Press **GUIDE** one or more times to close the EPG. You can also wait 30 seconds for the EPG to close automatically.

On-screen menu overview

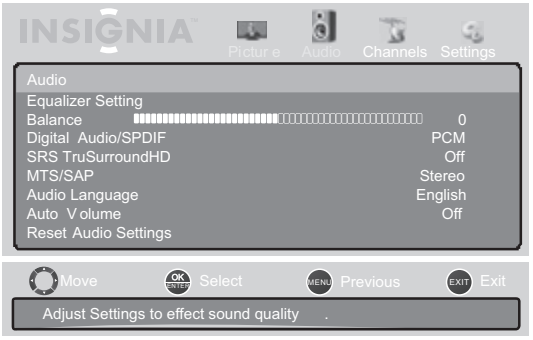
Notes

- Depending on the signal source selected, you may see different options on your screen.
- Menu items that are not selectable are grayed out.
- The screens shown in this manual are for explanation purposes and may vary from the actual screens on your TV.

Picture menu



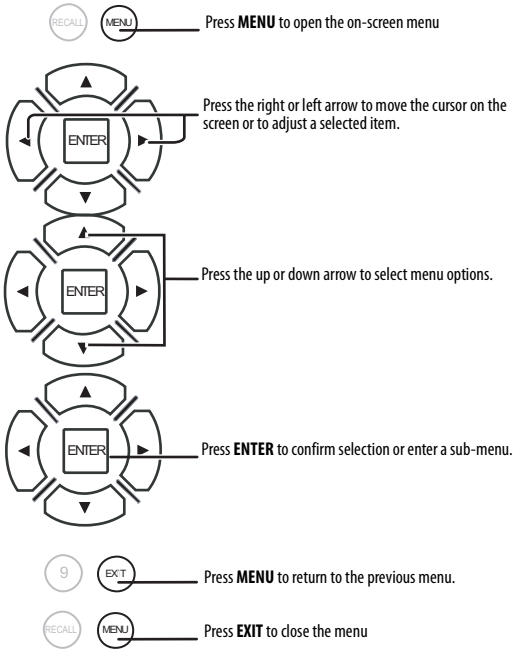
Audio



Channels menu

Settings menu

Navigating the menus



Adjusting the picture

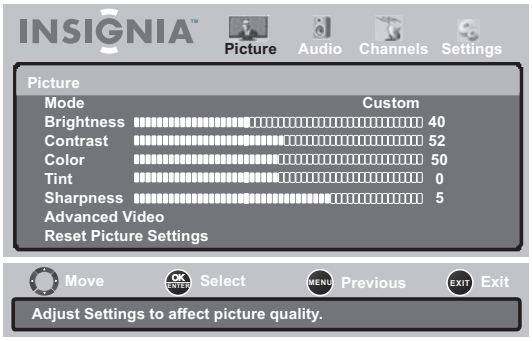
Note

Unless otherwise noted, all tasks in this section are based on using the remote control.

Adjusting the TV picture

To adjust the TV picture:

1. Press **MENU**. The on-screen menu opens with the *Picture* menu displayed.

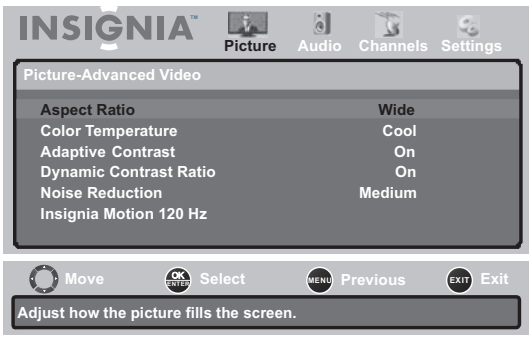


2. Press ▼ or **ENTER** to access the menu.
3. Press ▲ or ▼ to highlight an option, then press ◄ or ► to adjust the option. You can select:
   - **Picture Mode**—Selects the picture mode. You can select:
     - **Standard** (a standard picture)
     - **Theater** (a finely detailed picture)
     - **Customer** (customized picture)
     - **Vivid** (a bright and vivid picture)
     - **Energy Saving** (reduces power consumption)
     - **Sports** (a dynamic picture ideal for sports)

Note

You can also press **PICTURE** to select the picture mode.

   - **Brightness**—Adjusts the brightness.
   - **Contrast**—Adjusts the contrast.
   - **Color**—Adjusts the color saturation.
   - **Tint**—Adjusts the image tint.
   - **Sharpness**—Adjust the sharpness.
   - **Advanced Video**—Opens the *Picture-Advanced Video* menu where you can adjust additional video options. Press ► or **ENTER** to access the menu, press ▲ or ▼ to highlight an option, press ◄ or ► to adjust the option, then press **ENTER** to confirm.



   - **Aspect Ratio**—Selects the aspect ratio. You can select **Cinema**, **Auto**, **Normal**, **Wide**, or **Zoom**. **Auto** is only available in TV mode and when **Auto Zoom** on the *Channels* menu is set to **On**.
   - **Color Temperature**—Selects the color temperature. You can select **Cool** (to enhance the blues), **Normal**, or **Warm** (to enhance the reds).
   - **Adaptive Contrast**—Automatically adjusts picture detail and brightness.
   - **Dynamic Contrast Ratio**—Enhances the contrast ratio between light and dark areas of picture.
   - **Noise Reduction**—Set options to reduce video noise. You can select **Off**, **Low**, **Medium**, **Strong**, or **Auto**.
   - **Insignia Motion 120Hz:**—Eliminates motion blur to provide clear detail and smooth motion. You can adjust:
     - **Effect**—Off (turns off the option) , Low (set to option to minimum effect), Medium (Provide smooth and clear picture motion for normal use), and High (eliminates motion blur to provide clear detail and smooth motion).
     - **Demo Partition**—Sets the 120 Hz demo area size and location. You can choose **All**, **Right**, or **Left**.
     - **Demo**—Displays the differences between the picture when the option is turned on and off.
   - **Reset Picture Settings**—Resets all picture settings to the factory defaults.
4. Press **MENU** to return to the previous menu, or press **EXIT** to close the menu.

Adjusting the sound

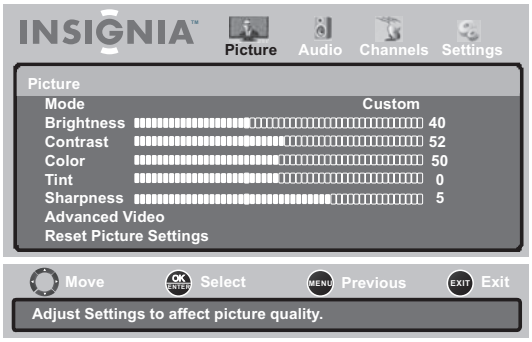
Note

Unless otherwise noted, all tasks in this section are based on using the remote control.

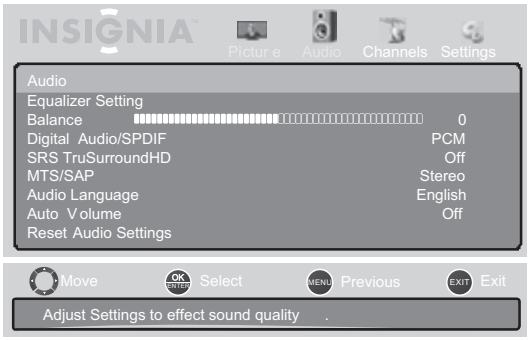
Adjusting sound settings

To adjust sound settings:

1. Press **MENU**. The on-screen menu opens.



2 Press ◄ or ► to highlight **Audio**, then press ▼ or **ENTER**. The *Audio* menu opens.



3 Press ▲ or ▼ to highlight an option, then press **ENTER** to access the option. You can select:

- **Equalizer Settings**—Selects and changes the audio frequency.
- **Balance**—Adjusts sound to the left or right speakers.
- **Digital Audio/SPDIF**—Sends digital audio to an external audio system. You can select **Off**, **RAW**, or **PCM**.
- **SRS TruSurroundHD**—Provides the ultimate home theater sound solution. You can select **On** or **Off**.
- **MTS/SAP**—Selects the sound mode (for analog channels only). You can select:
  - **Mono**—Produces a clearer sound if stereo sound is difficult to hear.
  - **Stereo**—Produces dynamic stereo sound for sporting events and concerts.
  - **SAP**—Selects a second language, weather report, or added commentary, if available.
- **Audio Language**—(Digital TV only) Selects the audio language if multiple languages are available.
- **Auto Volume**—Automatically adjusts volume to be consistent across programs and channels.
- **Reset Audio Settings**—Resets all audio settings to the factory defaults.

4 Press ◄ or ► to adjust the option, or press ▲ or ▼ to select a setting.

5 Press **MENU** to return to the previous menu, or press **EXIT** to close the menu.

Selecting the audio mode

To select the audio mode for an analog channel:

- Press **MTS/SAP** one or more times. You can select:
  - **MONO**—Select this option if there is noise or static on weak stereo broadcasts.
  - **STEREO**—Select this option for programs broadcast in stereo.
  - **SAP**—Select this option to listen to a secondary audio program, if available.

Note

Mono is automatically selected if the program is broadcast in mono.

To select the audio mode for a digital channel:

- Press **MTS/SAP**. If an audio track is available, it plays.

Changing channel settings

Note

Unless otherwise noted, all tasks in this section are based on using the remote control.

Scanning for channels

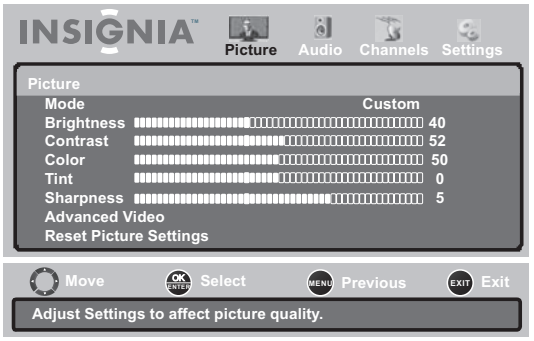
Note

- You do not need to scan for channels unless the available channels changed after you ran the Setup Wizard.
- You do not need to scan for channels if you are using a cable box or satellite box.

When you scan for channels, your TV searches for channels with signals and stores the channel information in the channel list. When you press **CH +** or **CH –**, your TV goes to the next or previous channel in the channel list.

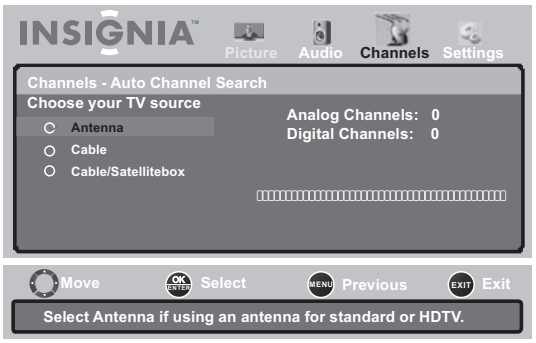
To scan for channels:

1 Press **MENU**. The on-screen menu opens.



2 Press ◄ or ► to highlight **Channels**, then press ▼ or **ENTER**. The *Channels* menu opens.

3 Press ▲ or ▼ to highlight **Auto Channel Search**, then press ► or **ENTER**. The *Auto Channel Search* screen opens.



4 Press ▲ or ▼ to select **Antenna**, **Cable**, or **Cable/Satellite Box**.

- If you are using an antenna for a standard or HD TV signal, select **Antenna**.
- If your cable is connected directly to the TV (using no tuner box), select **Cable**.
- If your cable is connected to your TV through a tuner box, select Cable/Satelite Box.

Note

If you are using a Cable/Satellite box, you do not need to scan for channels. Press **EXIT** to close the menu.

5 Press **ENTER** to start the scan.

Note

You can press **EXIT** to stop the auto channel search, but you will need to run the auto channel search again to create a channel list.

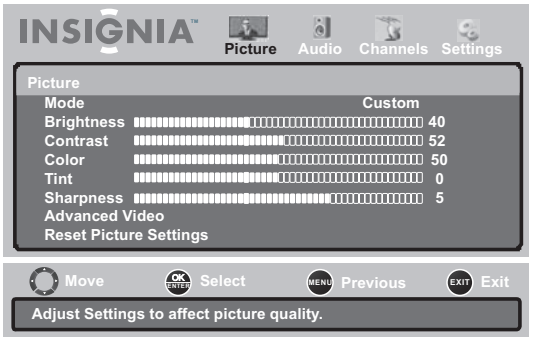
Hiding channels

You can hide channels in the channel list. When you press **CH +** or **CH –**, your TV will skip the hidden channels. You can still tune to a hidden channel by pressing the number buttons for the channel.

To hide channels:

1 Make sure that you have scanned for channels.

2 Press **MENU**. The on-screen menu opens.



3 Press ◄ or ► to highlight **Channels**, then press ▼ or **ENTER**. The *Channels* menu opens.

4 Press ▲ or ▼ to highlight **Add/Skip Channels**, then press **ENTER**. The *Channel-Add/Skip Channels* screen opens.

5 Press ▲ ▼ ◄ or ► to highlight the channel you want to hide, then press **ENTER**. The check mark disappears.

Notes

- A channel with a check mark is not hidden. A channel with no check mark is hidden.
- If the list has more than one page, press ▲ or ▼ to scroll through the pages.

6 Press **MENU** to return to the previous menu, or press **EXIT** to close the menu.

Setting parental controls

Note

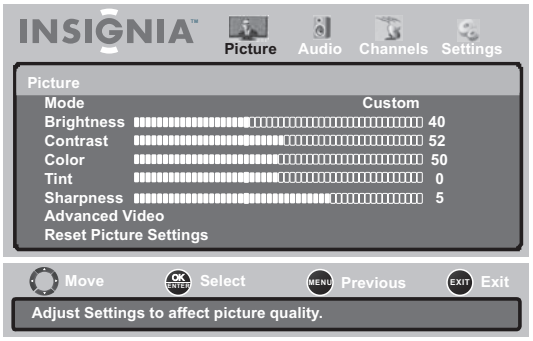
Unless otherwise noted, all tasks in this section are based on using the remote control.

Setting or changing the password

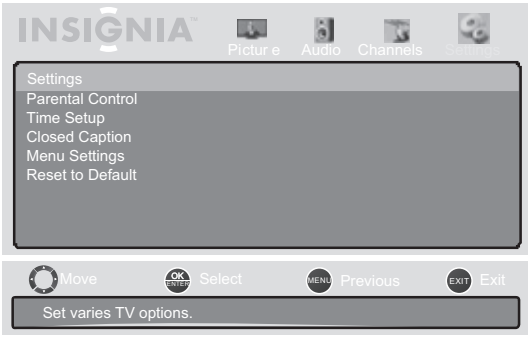
Parental controls let you prevent your children from watching inappropriate material on TV. When set, parental controls read the rating of the program (with some exceptions, such as news and sports) and deny access to programs that exceed the ratings level you select. To watch programs that exceed the selected rating, you must enter a password.

To set or change the password:

1 Press **MENU**. The on-screen menu opens.

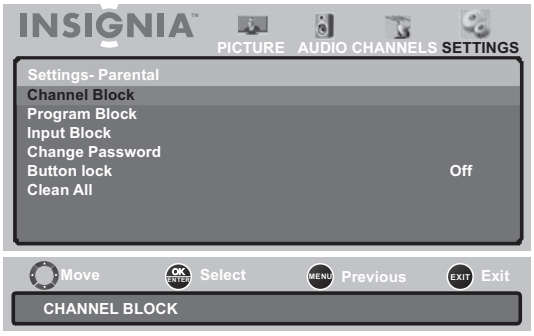


2 Press ◄ or ► to highlight **Settings**, then press ▼ or **ENTER**. The *Settings* menu opens.

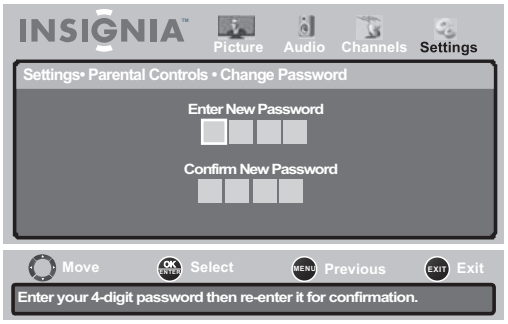


3 Press ▲ or ▼ to highlight **Parental Controls**, then ◄ or ►. The *Enter Password* screen opens.

4 Press the number buttons to enter the four-digit password. The default password is **0000**. You should change the password to a number you can remember. The *Parental Controls* menu opens.



5 Press ▲ or ▼ to highlight **Change Password**, then press ◄ or ►. The *Change Password* screen opens.



6 Press the number buttons to enter a password, then enter the password again. The *Parental Controls* menu opens again.

Note

If you forget your password, enter **9999** as the password. This password always remains valid for resetting your password.

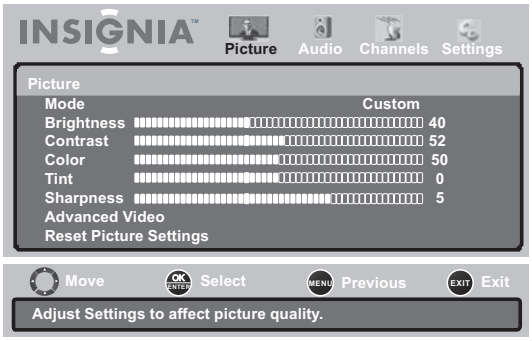
7 Press **MENU** to return to the previous menu, or press **EXIT** to close the menu.

Locking control buttons

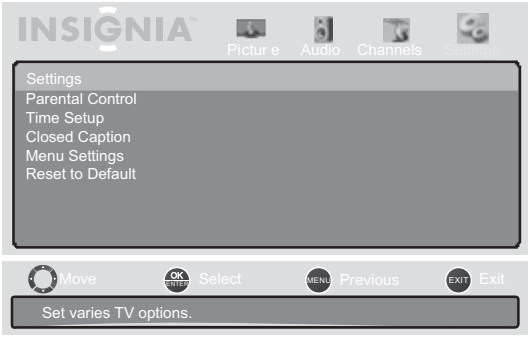
When the button lock is turned **On**, the buttons on the front of your TV are locked and you can only operate your TV using the remote control.

To lock control buttons:

1 Press **MENU**. The on-screen menu opens.

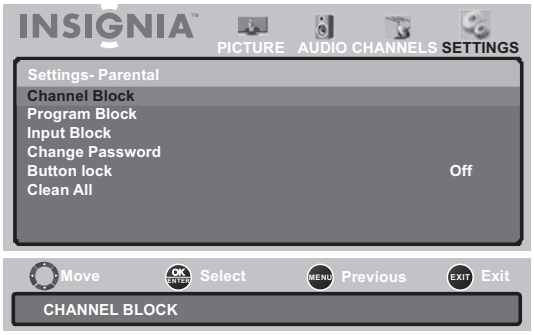


2 Press ◄ or ► to highlight **Settings**, then press ▼ or **ENTER**. The *Settings* menu opens.



3 Press ▲ or ▼ to highlight **Parental Controls**, then ◄ or ►. The *Enter Password* screen opens.

4 Press the number buttons to enter the four-digit password. The default password is **0000**. You should change the password to a number you can remember. The *Parental Controls* menu opens.



5 Press ▲ or ▼ to highlight **Button Lock**, then press ◄ or ► to select **On** (locks the buttons on the front of your TV) or **Off** (does not lock the buttons on the front of your TV).

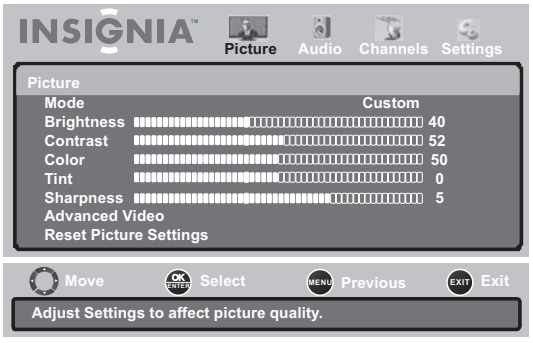
6 Press **MENU** to return to the previous menu, or press **EXIT** to close the menu.

Blocking a video input source

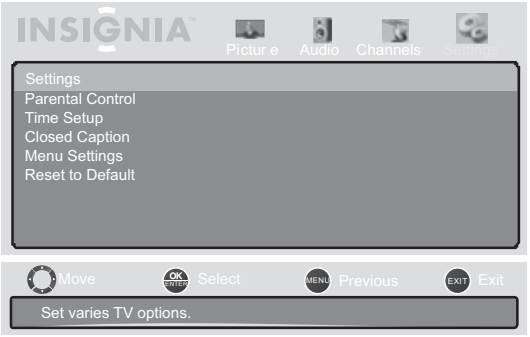
You can block a connected video source from being used.

To block a video input source:

1 Press **MENU**. The on-screen menu opens.

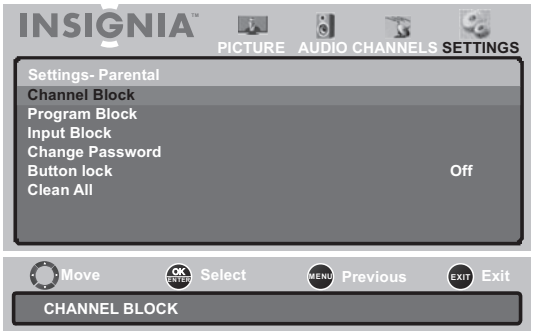


2 Press ◄ or ► to highlight **Settings**, then press ▼ or **ENTER**. The *Settings* menu opens.

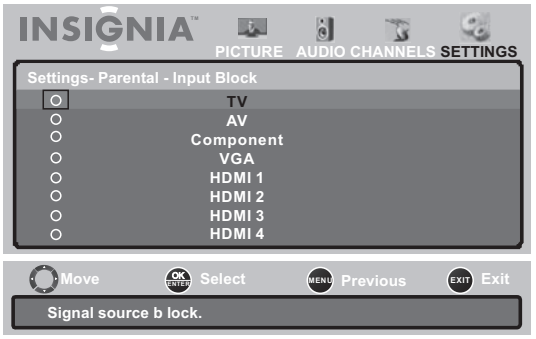


3 Press ▲ or ▼ to highlight **Parental Controls**, then ◄ or ►. The *Enter Password* screen opens.

4 Press the number buttons to enter the four-digit password. The default password is **0000**. You should change the password to a number you can remember. The *Parental Controls* menu opens.



5 Press ▲ or ▼ to highlight **Input Block**, then press ◄ or ► to open the *Input Block* menu.



6 Press ▲ or ▼ to highlight the video input source you want to block, then press **ENTER**. A lock icon appears next to the video input source. When you press **INPUT** and select the blocked video input source, the screen turns black and "Input is blocked!" appears.

Note

To unblock a blocked video input source, press **ENTER**, then enter the parental control password.

7 Press **MENU** to return to the previous menu, or press **EXIT** to close the menu.

Setting parental control levels

You can set parental controls for the U.S. and Canada.

U.S. TV ratings

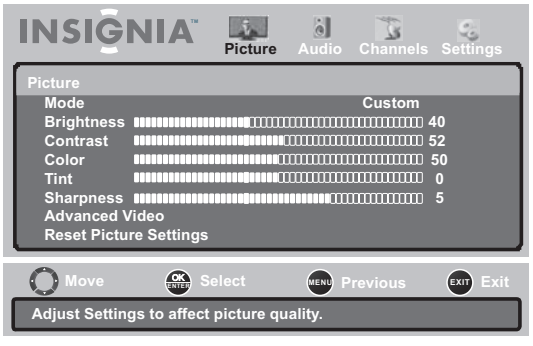
U.S. TV ratings	
TV-Y	All children
TV-Y7	Children over seven years of age
TV-G	General audiences
TV-PG	Parental guidance suggested
TV-14	Parents strongly cautioned
TV-MA	Mature audiences only

Some of the age-based TV ratings also have content-based ratings.

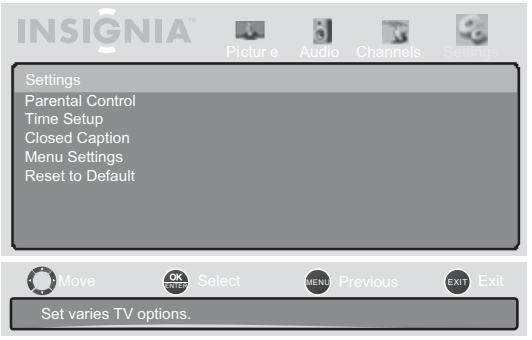
U.S. TV content ratings	
All	All ratings are blocked
FV	Fantasy violence
L	Adult language
S	Sexual situations
V	Violence
D	Sexually suggestive dialog

To set U.S. TV parental control levels:

1 Press **MENU**. The on-screen menu opens.

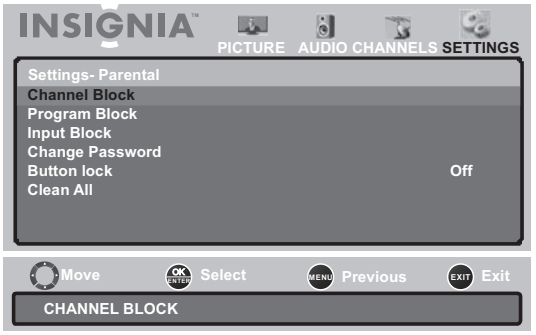


2 Press ◄ or ► to highlight **Settings**, then press ▼ or **ENTER**. The *Settings* menu opens.



3 Press ▲ or ▼ to highlight **Parental Controls**, then ◄ or ►. The *Enter Password* screen opens.

4 Press the number buttons to enter the four-digit password. The default password is **0000**. You should change the password to a number you can remember. The *Parental Controls* menu opens.

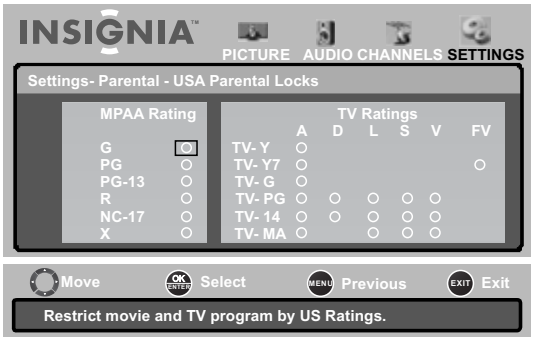


5 Press ▲ or ▼ to highlight **Program Lock**, then press **ENTER**. The *Program Block* menu opens.

6 Press ▲ or ▼ to highlight **Rating Enable**, then press ► or **ENTER** to select **On** or **Off**.

To select the **USA Parental Locks** option, the **Rating Enable** option must be set to **On**.

7 Press ▲ or ▼ to highlight **USA Parental Locks**, then press ◄ or ► to open the *USA Parental Locks* screen.



8 Press ◄ or ► to move to the **TV Ratings** list.

9 Press ▲ ▼ ◄ or ► to select the rating you want to block, then press **ENTER**. A lock symbol appears next to the rating you blocked. When you block a rating, that rating and all higher ratings are blocked.

Note

To unblock a blocked rating, press **ENTER**, then enter the parental control password.

10 Press **ENTER** to confirm.

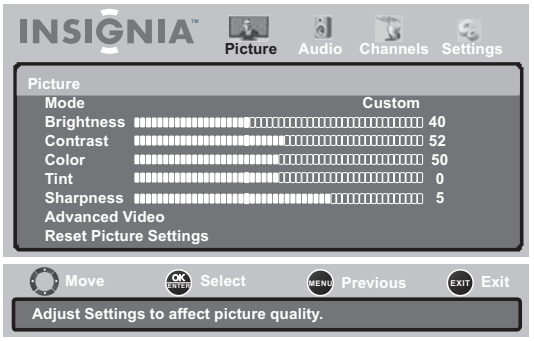
11 Press **MENU** to return to the previous menu, or press **EXIT** to close the menu.

U.S. Movie ratings

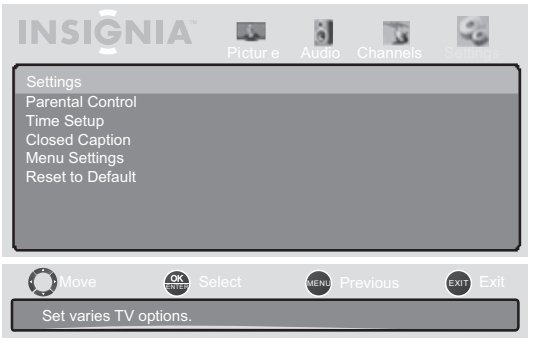
U.S. movie (MPAA) ratings	
G	General audiences.
PG	Parental guidance suggested. Some material may not be suitable for children.
PG-13	Parental guidance strongly suggested. Some material may not be suitable for children under 13 years of age.
R	Not suitable for children under 17 years of age unless accompanied by a parent or guardian.
NC-17	Not suitable for children under 17
X	Adults only
None	Movie not rated

To set U.S. movie parental control levels:

1 Press **MENU**. The on-screen menu opens.

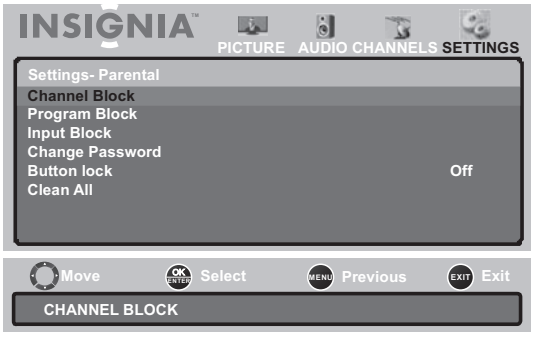


2 Press ◄ or ► to highlight **Settings**, then press ▼ or **ENTER**. The *Settings* menu opens.



3 Press ▲ or ▼ to highlight **Parental Controls**, then ◄ or ►. The *Enter Password* screen opens.

4 Press the number buttons to enter the four-digit password. The default password is **0000**. You should change the password to a number you can remember. The *Parental Controls* menu opens.

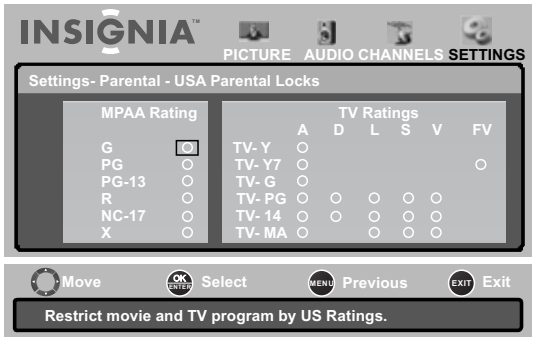


5 Press ▲ or ▼ to highlight **Program Lock**, then press **ENTER**. The *Program Block* menu opens.

6 Press ▲ or ▼ to highlight **Rating Enable**, then press ► or **ENTER** to select **On** or **Off**.

To select the **USA Parental Locks** option, the **Rating Enable** option must be set to **On**.

7 Press ▲ or ▼ to highlight **USA Parental Locks**, then press ◄ or ► to open the *USA Parental Locks* screen.



8 Press ◄ or ► to move to the MPAA list.

9 Press ▲ or ▼ to select the rating you want to block, then press **ENTER**. A lock symbol appears next to the rating you blocked. When you block a rating, that rating and all higher ratings are blocked.

Note

To unblock a blocked rating, press **ENTER**, then enter the parental control password.

10 Press **ENTER** to confirm.

11 Press **MENU** to return to the previous menu, or press **EXIT** to close the menu.

Canadian English TV ratings

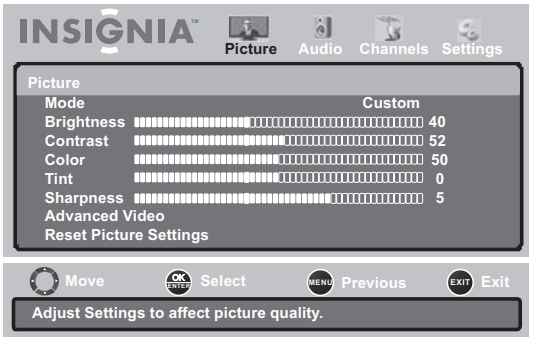
Canadian English ratings	
C	Children
C8+	Children over 8 years old
G	General audiences
PG	Parental guidance suggested
14+	Over 14 years old
18+	Adult programming
E	Exempt rated

Canadian French TV ratings

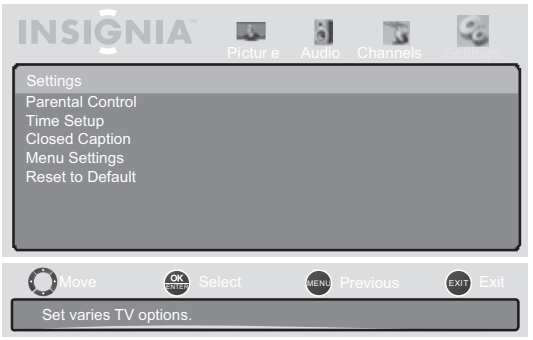
Canadian French ratings	
G	General audiences
8ans+	Children 8 years and older
13ans+	Children 13 years and older
16ans+	Children 16 years and older
18ans+	Adult programming
E	Not rated

To set Canadian TV parental control levels:

1 Press **MENU**. The on-screen menu opens.

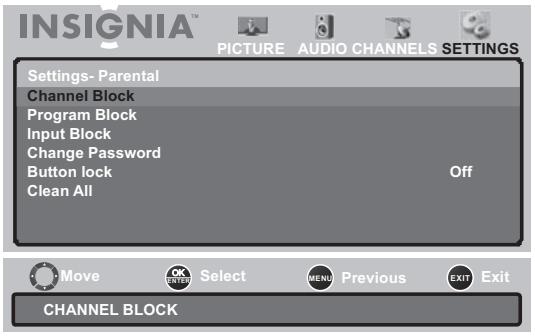


2 Press ◄ or ► to highlight **Settings**, then press ▼ or **ENTER**. The *Settings* menu opens.



3 Press ▲ or ▼ to highlight **Parental Controls**, then ◄ or ►. The *Enter Password* screen opens.

4 Press the number buttons to enter the four-digit password. The default password is **0000**. You should change the password to a number you can remember. The *Parental Controls* menu opens.

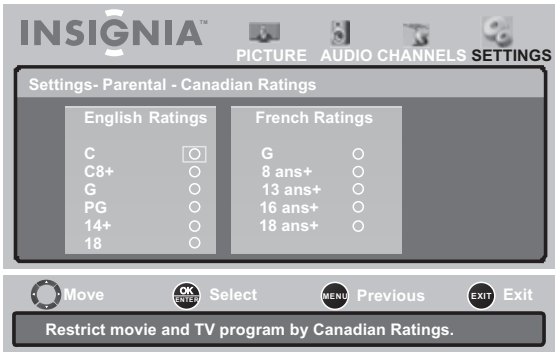


5 Press ▲ or ▼ to highlight **Program Lock**, then press **ENTER**. The *Program Block* menu opens.

6 Press ▲ or ▼ to highlight **Rating Enable**, then press ► or **ENTER** to select **On** or **Off**.

To select the **USA Parental Locks** option, the **Rating Enable** option must be set to **On**.

7 Press ▲ or ▼ to highlight **Canadian Ratings**, then press ◄ or ► to open the *Canadian Ratings* menu.



8 Press ◄ or ► to move to the **English Ratings** or **French Ratings** list.

9 Press ▲ or ▼ to select the rating you want to block, then press **ENTER**. A lock symbol appears next to the rating you blocked. When you block a rating, that rating and all higher ratings are blocked.

Note

To unblock a blocked rating, press **ENTER**, then enter the parental control password.

10 Press **ENTER** to confirm.

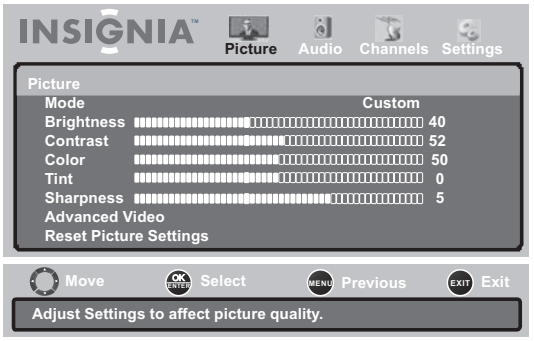
11 Press **MENU** to return to the previous menu, or press **EXIT** to close the menu.

Downloading rating information

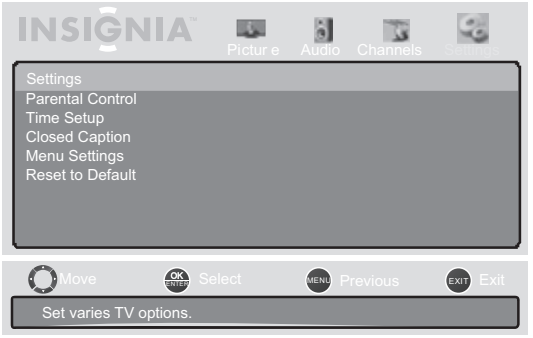
You can download rating information to use when setting parental controls.

To download rating information:

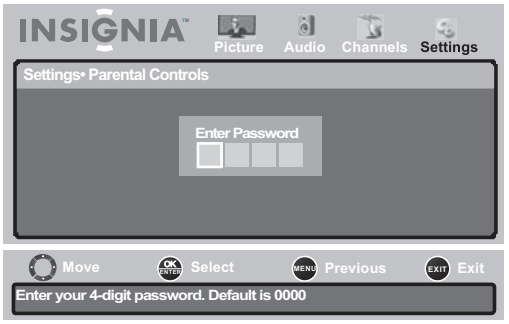
1 Press **MENU**. The on-screen menu opens.



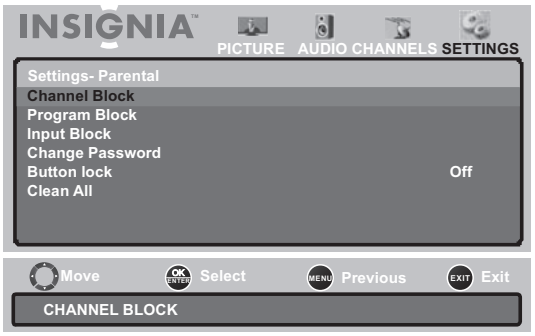
2 Press ◄ or ► to highlight **Settings**, then press ▼ or **ENTER**. The *Settings* menu opens.



3 Press ▲ or ▼ to highlight **Parental Controls**, then ◄ or ►. The *Enter Password* screen opens.



4 Press the number buttons to enter the four-digit password. The default password is **0000**. You should change the password to a number you can remember. The *Parental Controls* menu opens.



5 Press ▲ or ▼ to highlight **Program Lock**, then press **ENTER**. The *Program Block* menu opens.

6 Press ▲ or ▼ to highlight **Rating Enable**, then press ► or **ENTER** to select **On** or **Off**.

To select the **Open RRT5** option, the **Program Lock** must be set to **On**.

7 Press ▲ or ▼ to highlight **RRT5**, then press **ENTER**.

If the program is broadcast with RRT5 rating information, the information is downloaded automatically and can be used for parental controls.

8 To reset RRT information to the factory default, press ▲ or ▼ to highlight **RRT5**, then press **ENTER**. A box opens. Follow the on-screen instructions.

9 Press **MENU** to return to the previous menu, or press **EXIT** to close the menu.

Using closed captioning

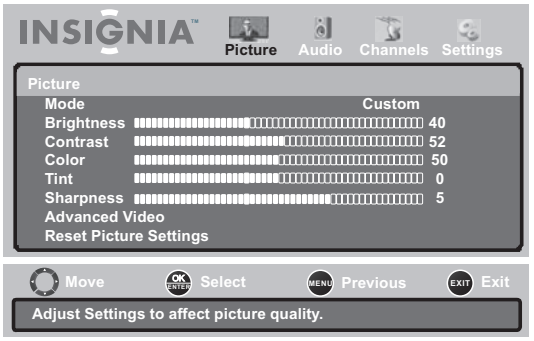
Note

Unless otherwise noted, all tasks in this section are based on using the remote control.

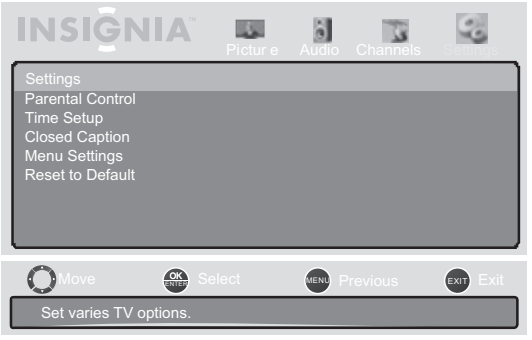
Using closed captioning

To use closed captioning:

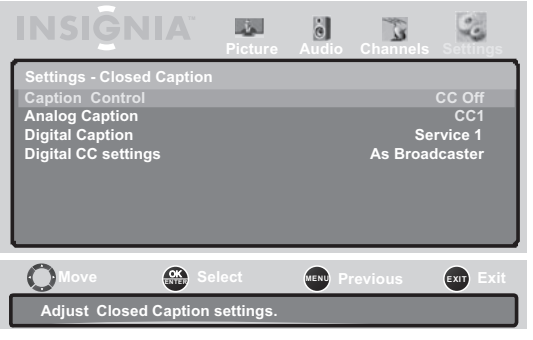
1 Press **MENU**. The on-screen menu opens.



2 Press ◄ or ► to highlight **Settings**, then press ▼ or **ENTER**. The *Settings* menu opens.



3 Press ▲ or ▼ to highlight **Closed Caption**, then press **ENTER**. The *Settings-Closed Caption* menu opens.



4 Press ▲ or ▼ to highlight an option, then press ► or **ENTER** to select a setting. If another menu opens, press ◄ or ► to adjust the option. You can select:

- **Caption Control**—Adjusts closed captioning settings. You can select **CC Off**, **CC On** and **CC On When Mute**.
- **Analog Caption**—Selects the closed captioning mode for standard (analog) programs.
- **Digital Caption**—Selects the closed captioning for digital programs
- **Digital CC Settings**—Sets the look of digital closed captioning. The default uses the broadcaster's style. For more information, see "Customizing digital closed captioning styles" on page 26.

5 Press **MENU** to return to the previous menu, or press **EXIT** to close the menu.

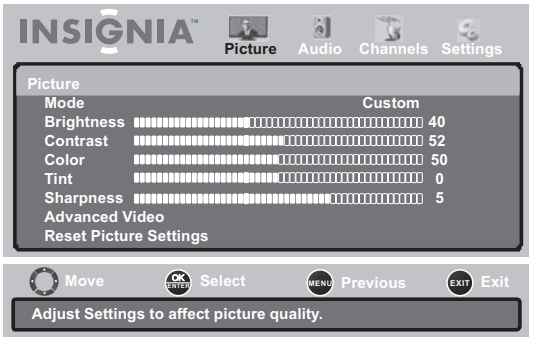
Note

You can also press **CCD** to turn closed captioning on or off.

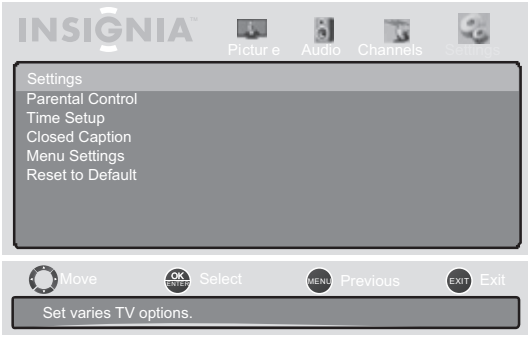
Customizing digital closed captioning styles

To customize digital closed captioning styles:

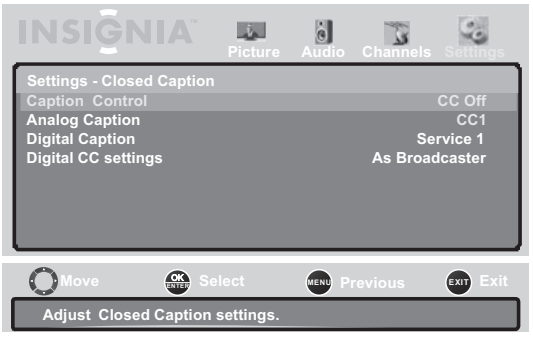
1 Press **MENU**. The on-screen menu opens.



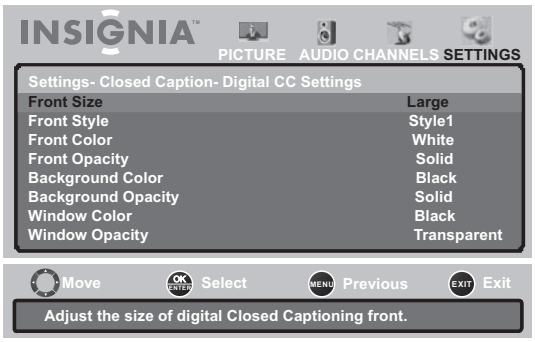
2 Press ◄ or ► to highlight **Settings**, then press ▼ or **ENTER**. The *Settings* menu opens.



3 Press ▲ or ▼ to highlight **Closed Caption**, then press **ENTER**. The *Settings-Closed Caption* menu opens.



4 Press ▲ or ▼ to highlight **Digital CC Settings**, then press ► or **ENTER**. A menu opens. Press **ENTER** again. The *Digital CC Settings* menu opens.



5 Press ▲ or ▼ to highlight an style, then press ◄ or ► to adjust the style. You can select:

- **Style**—Select **Automatic** or **Custom**. If you select **Automatic**, the other options are not available.
- **Size**—Selects the font size. You can select **Small**, **Normal** (default), or **Large**.
- **Font**—Selects the font style.
- **Text Color**—You can select **Black**, **White** (default), **Red**, **Blue**, **Green**, **Yellow**, **Magenta**, or **Cyan**.
- **Text Opacity**—You can select **Solid** (default), **Flashing**, **Translucent**, or **Transparent**.
- **Background Color**—You can select **Black** (default), **White**, **Red**, **Blue**, **Green**, **Yellow**, **Magenta**, or **Cyan**.
- **Background Opacity**—You can select **Solid** (default), **Flashing**, **Translucent**, or **Transparent**.
- **Edge Effect**—You can select **None** (default), **Raised**, **Depressed**, **Uniform**, **Left Shadow**, or **Right Shadow**.
- **Edge Color**—You can select **Black** (default), **White**, **Red**, **Blue**, **Green**, **Yellow**, **Magenta**, or **Cyan**.

6 Press **MENU** to return to the previous menu, or press **EXIT** to close the menu.

Adjusting time settings

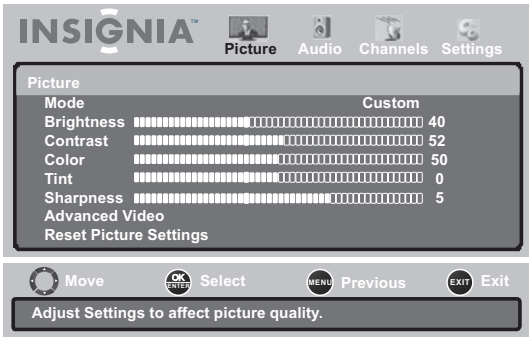
Note

Unless otherwise noted, all tasks in this section are based on using the remote control.

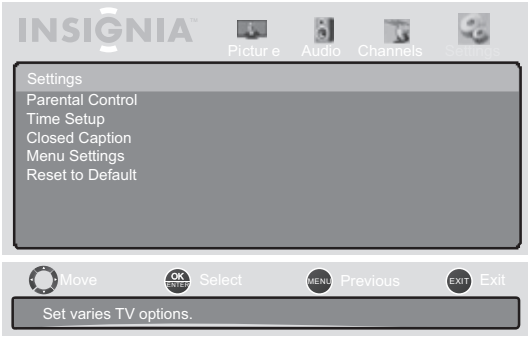
Manually setting the clock

To manually set the clock:

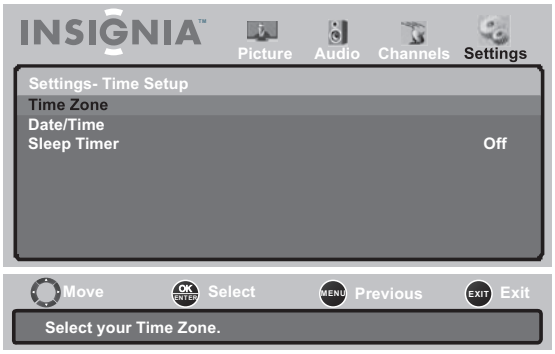
1 Press **MENU**. The on-screen menu opens.



2 Press ◄ or ► to highlight **Settings**, then press ▼ or **ENTER**. The *Settings* menu opens.



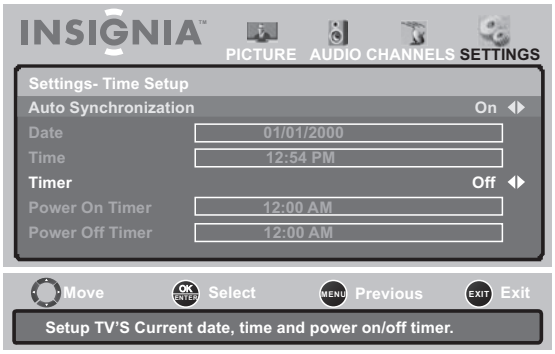
3 Press ▲ or ▼ to highlight **Time Setup**, then press ◄ or ►. The *Settings-Time Settings* menu opens.



4 Press ▲ or ▼ to highlight **Time Zone**, then press ◄ or ► to select your time zone. You can select **Indiana**, **Eastern Time**, **Hawaii**, **Alaska**, **Pacific Time**, **Arizona**, **Mountain Time**, or **Central Time**.

5 If your viewing area observes daylight savings time, press ▲ or ▼ to highlight **Daylight Savings**, then press ◄ or ► to select **On**.

6 Press ▲ or ▼ to highlight **Date/Time**, then press ◄ or ►. The *Date/Time* menu opens.



7 Press ► or **ENTER** to set **Auto Synchronization** to **Off**. **Auto Synchronization** must be set to **Off** to manually set the date and time.

8 Press ▲ or ▼ to highlight a setting, then press ◄ or ► to open a setting menu. You can select:

- **Date**—Press ◄ or ► to move from field to field, then press the number buttons to set the date.
- **Time**—Press ◄ or ► to move from field to field, then press the number buttons to set the time.

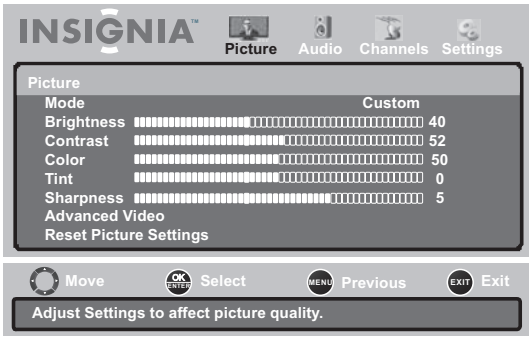
9 Press **MENU** to return to the previous menu, or press **EXIT** to close the menu.

Setting the sleep timer

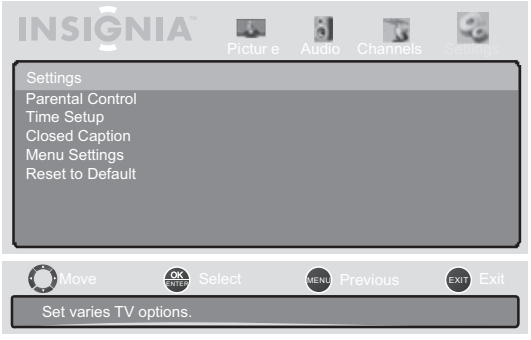
You can specify the amount of time before your TV automatically turns off.

To set the sleep timer:

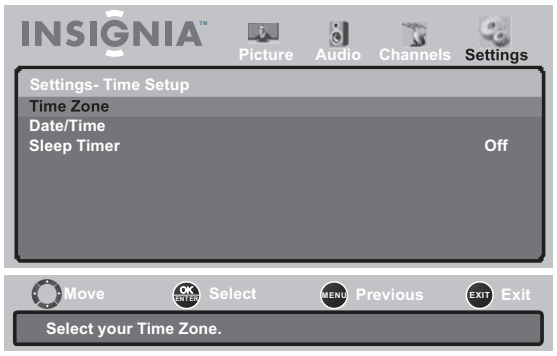
1 Press **MENU**. The on-screen menu opens.



2 Press ◄ or ► to highlight **Settings**, then press ▼ or **ENTER**. The *Settings* menu opens.



3 Press ▲ or ▼ to highlight **Time**, then press ◄ or ►. The *Settings-Time Settings* menu opens.



4 Press ▲ or ▼ to highlight **Sleep Timer**, then press ► to select the the timer value from **Off** to 240 minutes.

5 Press **MENU** to return to the previous menu, or press **EXIT** to close the menu.

Notes

- You can also press **SLEEP** to set the sleep timer.
- Sixty (60) seconds before the sleep timer turns off your TV, the sleep timer counts down and shows the remaining seconds until the timer turns off the TV.

Adjusting menu settings

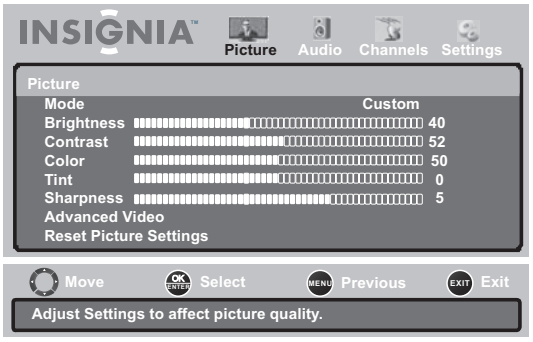
Note

Unless otherwise noted, all tasks in this section are based on using the remote control.

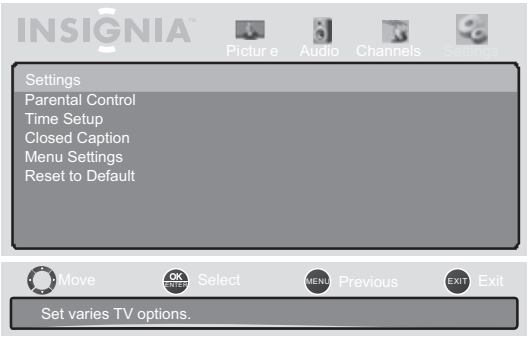
Selecting the menu language and transparency

To select the menu language and transparency:

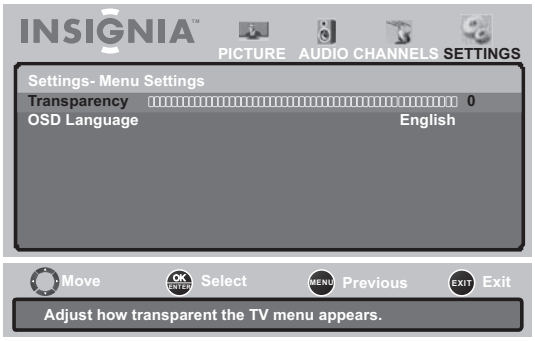
1 Press **MENU**. The on-screen menu opens.



2 Press ◄ or ► to highlight **Settings**, then press ▼ or **ENTER**. The *Settings* menu opens.



3 Press ▲ or ▼ to highlight **Menu Settings**, then press ◄ or ►. The *Settings-Menu Settings* menu opens.



4 Press ▲ or ▼ to highlight **Language**, then press ◄ or ► to select **English**, **French**, or **Spanish**.

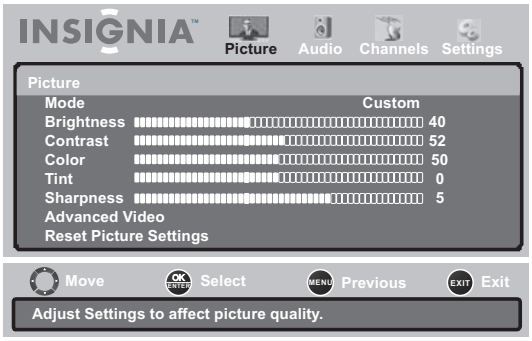
5 Press ▲ or ▼ to highlight **Transparency**, then press ◄ or ► to select adjust the menu transparency.

6 Press **MENU** to return to the previous menu, or press **EXIT** to close the menu.

Restoring settings to the defaults

To restore settings to the defaults:

1 Press **MENU**. The on-screen menu opens.



2 Press ◄ or ► to highlight **Settings**, then press ▼ or **ENTER**. The *Settings* menu opens.

3 Press ▲ or ▼ to highlight **Reset to Default**, then press **ENTER** to confirm. The "This operation will reset all the TV settings to Factory. Are you sure to continue?" appears. Select **Yes** or **No**.

Maintaining

- Clean the TV cabinet with a soft, dry cloth. If surfaces are extremely dirty, slightly dampened the cloth with lukewarm water.
- Clean the TV screen with eyeglass cleaner. Never use alcohol, paint thinner, or benzine.
- Before using chemically treated cloth, read the instructions that came with the cloth.

Troubleshooting

Caution

Do not try to repair your TV yourself. Refer all servicing to qualified service personnel.

Note

If the problem is not solved by using these troubleshooting instructions, turn off your TV, then turn it on again.

Problem	Solution
No picture or sound (the screen is not lit).	• Make sure that the power cord is plugged into a working power outlet. The power indicator on the front of your TV will be lit. • Press **POWER** to turn on your TV.
Picture is good, but there is no sound	• Increase the volume. • Make sure that the sound is not muted.
Sound is good, but picture has no color	• Adjust the color. For more information, see "Adjusting the TV picture" on page 16. • The program may be in black and white.
The picture has overlapping images	• Make sure that the antenna is installed correctly. • Adjust the antenna so that it points toward the broadcasting station.
Picture has snow	• Make sure that the antenna is installed correctly. • Make sure that the antenna cable is connected securely to your TV. • Try replacing the antenna cable. • Make sure that your TV is not receiving interference from traffic or neon lights.
Picture has stripes	• Check for interference from other electronic devices such as radios and TVs. Keep magnetic or electronic devices away from your TV.
Poor stereo or SAP sound	• A long broadcast distance or interference from radio waves may disrupt the sound. Try switching the audio mode to Mono. For more information, see "Selecting the audio mode" on page 17.
Remote control does not work	• Make sure that there are no obstacles between the remote control and the remote control sensor on the front of your TV. • Point the remote control directly toward the remote control sensor on the front of your TV. • Replace the batteries.
Unsupported mode message when connected to a computer	• Make sure that you have selected the correct VGA mode on your computer.
The computer image is not clear	• Adjust the phase control.
The computer image is not centered	• Adjust the horizontal control.
Picture has a few bright or dark spots	• A few bright or dark spots on an LED-LCD screen are normal. This does not affect the operation of your TV.
The power button on the TV does not turn on the TV.	• To turn on your TV using the ⏻ (power) button on your TV, press ⏻ twice. The presses must be within five to seven seconds of each other. The first time you press ⏻, the button labels appear on the screen. The second time you press ⏻, your TV turns on.

Specifications

Design specifications are subject to change without notice. Dimensions and weight specifications are approximate.

LCD	Panel: 55" FHD LED backlit LCD
	Resolution: 1920 × 1080
	Viewing angle (H/V): 178/178
	Contrast ratio: 5000:1 (typical)
	Brightness (cd/m2): 450
Dimensions	With Stand: 51.6 × 34.7 × 13.2 in. (1311 × 881 × 335 mm) Without Stand: 51.6 × 32.5X1.5 in. (1311 × 826 × 38.5 mm)
Weight	With Stand: 72.8 lbs. (33 kg) Without Stand: 59.5 lbs. (27 kg)
TV	TV standard: ATSC/NTSC
	Tuning system: Electronic tuning s y s t e m
	Frequency ratio: VH F / U HF
	Stereo: BTSC
	CATV: 135 channels, QAM channels
Power	Input: AC 120V, 60Hz
	Consumption: 178 W (maximum)
Sound	Output: 10 W ×2
Terminals	AV: Video, audio L/R Component: Y, Pb (Cb), Pr (Cr), audio L/R HDMI: HDMI IN ×4 VGA: VGA input, audio (mini jack) Headphone: Mini jack Antenna in: F type L/R audio output Digital audio output(coaxial)
Operating conditions	Temperature: 41° F ~ 95°F (5°C ~ 35°C)
	Humidity: 20%~80% RH
	Atmospheric pressure: 86 KPa~106 KPa

Legal notices

FCC Part 15

This device complies with Part 15 of the FCC Rules. Operation of this product is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply within the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced technician for help.

FCC warning

Changes or modifications not expressly approved by the party responsible for compliance with the FCC Rules could void the user's authority to operate this equipment.

Canada ICES-003 statement

This Class B digital apparatus complies with Canadian ICES-003.

Standard Television Receiving Apparatus — Appareil de réception télévision ordinaire, Canada BETS-7 / NTMR-7

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SRS TruSurround HD

is a trademark of SRS Labs, Inc. TruSurround HD technology is incorporated under license from SRS Labs, Inc.

Energy Star

Please keep the factory default settings as shipped, in which the product can meet Energy Star requirements

Two-year limited warranty

US and Canada Markets

Definitions:

Insignia Products ("Insignia") warrants to you, the original purchaser of this new Insignia-branded television ("Product"), that the Product shall be free of defects in the original manufacturer of the material or workmanship for a period of two (2) years from the date of your purchase of the Product ("Warranty Period"). For this warranty to apply, your Product must be purchased in the United States or Canada from a Best Buy or Future Shop authorized dealer of Insignia brand products only that are packaged with this warranty statement.

How long does the coverage last?

The Warranty Period lasts for 2 years (730 days) from the date you purchased the Product. Your purchase date is printed on the receipt you received with the Product.

What does this warranty cover?

During the Warranty Period, if the original manufacture of the material or workmanship of the Product is determined to be defective by an authorized Insignia repair center or store personnel, Insignia will (at its sole option): (1) repair the Product with new or rebuilt parts; or (2) replace the Product at no charge with new or rebuilt comparable products or parts. Products and parts replaced under this warranty become the property of Insignia and are not returned to you. If service of Products or parts are required after the Warranty Period expires, you must pay all labor and parts charges. This warranty lasts as long as you own your Insignia Product during the Warranty Period. Warranty coverage terminates if you sell or otherwise transfer the Product.

How to obtain warranty service?

If you purchased the Product at a Best Buy or Future Shop retail store location and your television Product has a screen size of less than 37 inches, please take your original receipt and the Product to any Best Buy or Future Shop store. Make sure that you place the Product in its original packaging or packaging that provides the same amount of protection as the original packaging. If you purchased the Product from a Best Buy or Future Shop online web site, mail your original receipt and the Product to the address listed on the web site. Make sure that you put the Product in its original packaging or packaging that provides the same amount of protection as the original packaging.

To obtain in-home warranty service for a television with a screen 37 inches or larger, in the United States call 1-888-BESTBUY, Canada call 1-866-BESTBUY for Future Shop call 1-800-663-2275. Call agents will diagnose and correct the issue over the phone or will have an Insignia-approved repair technician dispatched to your home.

Where is the warranty valid?

This warranty is valid only to the original purchaser of the product in the United States and Canada at Best Buy or Future Shop branded retail stores or websites.

What does the warranty not cover?

This warranty does not cover:

- Customer instruction/education
- Installation
- Set up adjustments
- Cosmetic damage
- Damage due to acts of God, such as power surges
- Accident(s)
- Misuse
- Abuse
- Negligence
- Commercial purposes/use, including but not limited to use in a place of business or in communal areas of a multiple dwelling condominium or apartment complex, or otherwise used in a place of other than a private home.
- Modification of any part of the Product, including the antenna
- Plasma display panel damaged by static (non-moving) images applied for lengthy periods (burn-in).
- Damage due to incorrect operation or maintenance
- Connection to an incorrect voltage or power supply
- Attempted repair by any person not authorized by Insignia to service the Product
- Products sold "as is" or "with all faults"
- Consumables, including but not limited to batteries (i.e. AA, AAA, C etc.)
- Products where the factory applied serial number has been altered or removed
- Loss or Theft of this product or any part of the product

REPAIR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS YOUR EXCLUSIVE REMEDY FOR BREACH OF WARRANTY. INSIGNIA SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR THE BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT, INCLUDING, BUT NOT LIMITED TO, LOST DATA, LOSS OF USE OF YOUR PRODUCT, LOST BUSINESS OR LOST PROFITS. INSIGNIA PRODUCTS MAKES NO OTHER EXPRESS WARRANTIES WITH RESPECT TO THE PRODUCT, ALL EXPRESS AND IMPLIED WARRANTIES FOR THE PRODUCT, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF AND CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE WARRANTY PERIOD SET FORTH ABOVE AND NO WARRANTIES, WHETHER EXPRESS OR IMPLIED, WILL APPLY AFTER THE WARRANTY PERIOD. SOME STATES, PROVINCES AND JURISDICTIONS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE OR PROVINCE TO PROVINCE.

Contact Insignia:

For customer service please call 1-877-467-4289

www.insigniaproducts.com

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Mexico Market

{RETAILER SEAL}

PLACE STICKER OF PRODUCT MAKE & MODEL HERE

DATE OF PURCHASE:_____

Definitions:

Insignia Products ("Insignia") warrants to you, the original purchaser of this new Insignia-branded television ("Product"), that the Product shall be free of defects in the original manufacturer of the material or workmanship for a period of two (2) years from the date of your purchase of the Product ("Warranty Period"). For this warranty to apply, your Product must be purchased in Mexico from a Best Buy authorized dealer of Insignia brand products only that are packaged with this warranty statement.

How long does the coverage last?

The Warranty Period lasts for 2 years (730 days) from the date you purchased the Product. Your purchase date is printed on the receipt you received with the Product.

What does this warranty cover?

During the Warranty Period, if the original manufacture of the material or workmanship of the Product is determined to be defective by an authorized Insignia repair center or store personnel, Insignia will (at its sole option): (1) repair the Product with new or rebuilt parts; or (2) replace the Product at no charge with new or rebuilt comparable products or parts. Products and parts replaced under this warranty become the property of Insignia and are not returned to you. and parts charges. This warranty lasts as long as you own your Insignia Product during the Warranty Period. Warranty coverage terminates if you sell or otherwise transfer the Product.

How to obtain warranty service?

If you purchased the Product at a Best Buy retail store location and your television Product has a screen size of less than 37 inches, please take your original receipt and the Product to any Best store. Make sure that you place the Product in its original packaging or packaging that provides the same amount of protection as the original packaging. If you purchased the Product from a Best Buy a online web site, mail your original receipt and the Product to the address listed on the web site. Make sure that you put the Product in its original packaging or packaging that provides the same amount of protection as the original packaging.

To obtain in-home warranty service for a television with a screen 37 inches or larger, in Mexico call 01 800-433-5778. Call agents will diagnose and correct the issue over the phone or will have an Insignia-approved repair technician dispatched to your home.

Where is the warranty valid?

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What does the warranty not cover?

This warranty does not cover:

- Customer instruction/education
- Installation
- Set up adjustments
- Cosmetic damage
- Damage due to acts of God, such as power surges
- Accident(s)
- Misuse
- Abuse
- Negligence
- Commercial purposes/use, including but not limited to use in a place of business or in communal areas of a multiple dwelling condominium or apartment complex, or otherwise used in a place of other than a private home.
- Modification of any part of the Product, including the antenna
- Plasma display panel damaged by static (non-moving) images applied for lengthy periods (burn-in).
- Damage due to incorrect operation or maintenance
- Connection to an incorrect voltage or power supply
- Attempted repair by any person not authorized by Insignia to service the Product
- Products sold “as is” or “with all faults”
- Consumables, including but not limited to batteries (i.e. AA, AAA, C etc.)
- Products where the factory applied serial number has been altered or removed
- Loss or Theft of this product or any part of the product

REPAIR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS YOUR EXCLUSIVE REMEDY FOR BREACH OF WARRANTY. INSIGNIA SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR THE BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT, INCLUDING, BUT NOT LIMITED TO, LOST DATA, LOSS OF USE OF YOUR PRODUCT, LOST BUSINESS OR LOST PROFITS. INSIGNIA PRODUCTS MAKES NO OTHER EXPRESS WARRANTIES WITH RESPECT TO THE PRODUCT, ALL EXPRESS AND IMPLIED WARRANTIES FOR THE PRODUCT, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF AND CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE WARRANTY PERIOD SET FORTH ABOVE AND NO WARRANTIES, WHETHER EXPRESS OR IMPLIED, WILL APPLY AFTER THE WARRANTY PERIOD. SOME STATES, PROVINCES AND JURISDICTIONS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE OR PROVINCE TO PROVINCE.

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Col. San Lucas Tepetlacalco

INSIGNIA™

If the power cord has been damaged, it should be replaced by the manufacturer, your service provider or qualified personnel to avoid risks.
Si el cordón de alimentación es dañado, este debe ser remplazado por el fabricante o su agente de servicio o por personal calificado para evitar el riesgo.

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ENERGY STAR

Se incluye el manual. Favor de leer este manual antes de usar el producto.
Para el Soporte técnico de Insignia en México, favor llame al: http://www.insigniaproducts.com

ENGLISH
10-0950